# VALIDATED DATA FOR SDGs 33, 34, and 39

## OF THE
## CAMP EDWARDS
## IMPACT AREA GROUNDWATER STUDY

## MASSACHUSETTS MILITARY RESERVATION
## CAPE COD, MASSACHUSETTS

**Prepared for**

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205

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http://archive.org/details/validateddatafor3339unse

## DATA QUALIFIER REFERENCE TABLE

| Qualifier | Organics | Inorganics |
|---|---|---|
| U | The analyte was analyzed for, but was not detected above the reported sample quanti-ta-tion limit. | The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit. |
| J | The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample. | The associated value is an estimated quantity. |
| N | The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification." | Not applicable. |
| NJ | The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration. | Not applicable. |
| UJ | The analyte was not deemed above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample. | The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise. |
| R | The sample results are rejected due to serious deficiencies in the ability to analyze the sample and to meet quality control criteria. The presence or absence of the analyte cannot be verified. | The data are unusable. (Note: Analyte may or may not be present). |

# QUALIFICATION CODE REFERENCE TABLE

| Qualifier | Organics | Inorganics |
|---|---|---|
| H | Holding times were exceeded. | Holding times were exceeded. |
| S | Surrogate recovery was outside QC limits. | The sequence or number of standards used for the calibration was incorrect |
| C | Calibration %RSD or %D were noncompliant. | Correlation coefficient is <0.995. |
| R | Calibration RRF was <0.05. | %R for calibration is not within control limits. |
| B | Presumed contamination from preparation (method) blank. | Presumed contamination from preparation (method) or calibration blank. |
| L | Not applicable. | Laboratory Control Sample %R were not within control limits. |
| Q | MS/MSD recovery was poor or RPD high. | MS recovery was poor. |
| E | Not applicable. | Duplicates showed poor agreement. |
| I | Internal standard performance was unsatisfactory. | ICP ICS results were unsatisfactory. |
| A | Not applicable. | ICP Serial Dilution %D were not within control limits. |
| M | Tuning (BFB or DFTPP) was noncompliant. | Not applicable. |
| T | Presumed contamination from trip blank. | Not applicable. |
| + | False positive – reported compound was not present. Not applicable. | |
| - | False negative – compound was present but not reported. | Not applicable. |
| F | Presumed contamination from FB, or ER. | Presumed contamination from FB or ER. |
| S | Reported result or other information was incorrect. | Reported result or other information was incorrect. |
| ? | TIC identity or reported retention time has been changed. | Not applicable. |
| D | The analysis with this flag should not be used because another more technically sound analysis is available. | The analysis with this flag should not be used because another more technically sound analysis is available. |
| P | Instrument performance for pesticides was poor. | Post Digestion Spike recovery was not within control limits. |
| *# | Unusual problems found with the data that have been described in Section 1, "Data Validation Findings." The number following the asterisk (*) will indicate the subsection where a description of the problem can be found. | Unusual problems found with the data that have been described in Section 1, "Data Validation Findings." The number following the asterisk (*) will indicate the subsection where a description of the problem can be found. |

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP A: Water Data for Methods 504, 8021, 8330SC, AND 0C21V

| EPA NO | W06SSA | | | | W06SSD | | | | W10DDA | | | | W10SSA | | | | W10SSD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W06SSA | | | | W06SSD | | | | W10DDA | | | | W10SSA | | | | W10SSD | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/6/97 | | | | 11/6/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***504 (NG/L)*** | | | | | | | | | | | | | | | | | | | | |
| 1,2-DIBROMOETHANE (ETHYLE | 4.50 | | UJ | S | 4.70 | | UJ | S | 4.75 | | U | | 4.65 | | U | | 4.60 | | U | |
| ***8021W (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| TERT-BUTYL METHYL ETHER | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | |
| ***OC21V (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| CHLOROMETHANE | 0.50 | | UJ | C | 0.50 | | UJ | C | 0.50 | | UJ | C | 0.50 | | UJ | C | 0.50 | | UJ | C |
| VINYL CHLORIDE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| BROMOMETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| CHLOROETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| METHYLENE CHLORIDE | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | |
| ACETONE | 5.00 | | R | R | 5.00 | | R | R | 5.00 | | R | R | 5.00 | | R | R | 5.00 | | R | R |
| CARBON DISULFIDE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,1-DICHLOROETHENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,1-DICHLOROETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| CIS-1,2-DICHLOROETHYLENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| TRANS-1,2-DICHLOROETHENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| CHLOROFORM | *0.50* | | *J* | | *0.50* | | *J* | | 0.50 | | U | | *0.70* | | *J* | | *0.80* | | *J* | |
| 1,2-DICHLOROETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| METHYL ETHYL KETONE (2-BU | 2.50 | | UJ | C | 2.50 | | UJ | C | 2.50 | | UJ | C | 2.50 | | U | | 2.50 | | U | |
| BROMOCHLOROMETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,1,1-TRICHLOROETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| CARBON TETRACHLORIDE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| BROMODICHLOROMETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,2-DICHLOROPROPANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| CIS-1,3-DICHLOROPROPENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| TRICHLOROETHYLENE (TCE) | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP A: Water Data for Methods 504, 8021, 8330SC, AND 0C21V

| EPA NO | W06SSA | | | | W06SSD | | | | W10DDA | | | | W10SSA | | | | W10SSD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W06SSA | | | | W06SSD | | | | W10DDA | | | | W10SSA | | | | W10SSD | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/6/97 | | | | 11/6/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OC21V (UG/L) Continued*** | | | | | | | | | | | | | | | | | | | | |
| DIBROMOCHLOROMETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,1,2-TRICHLOROETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| BENZENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| TRANS-1,3-DICHLOROPROPEN | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| BROMOFORM | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| METHYL ISOBUTYL KETONE (4 | 2.50 | | UJ | C | 2.50 | | UJ | C | 2.50 | | UJ | C | 2.50 | | UJ | C | 2.50 | | UJ | C |
| 2-HEXANONE | 2.50 | | UJ | C | 2.50 | | UJ | C | 2.50 | | UJ | C | 2.50 | | UJ | C | 2.50 | | UJ | C |
| TETRACHLOROETHYLENE(PCE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,1,2,2-TETRACHLOROETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,2-DIBROMOETHANE (ETHYLE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| TOLUENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| CHLOROBENZENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| ETHYLBENZENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| STYRENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| XYLENES, TOTAL | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,3-DICHLOROBENZENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,4-DICHLOROBENZENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,2-DICHLOROBENZENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,2-DIBROMO-3-CHLOROPROP | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP A: Water Data for Methods 504, 8021, 8330SC, AND 0C21V

| EPA NO | W11SSA | | | | W11SSD | | | | W12SSA | | | | W14SSA | | | | W27SSA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W11SSA | | | | W11SSD | | | | W12SSA | | | | W14SSA | | | | W27SSA | | | |
| Date Sampled | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | | 11/4/97 | | | | 11/21/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***504 (NG/L)*** | | | | | | | | | | | | | | | | | | | | |
| 1,2-DIBROMOETHANE (ETHYLE | 4.65 | | U | | 4.60 | | U | | 4.95 | | U | | 4.75 | | U | | 4.65 | | U | |
| ***8021W (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| TERT-BUTYL METHYL ETHER | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | |
| ***OC21V (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| CHLOROMETHANE | 0.50 | | UJ | C | 0.50 | | UJ | C | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| VINYL CHLORIDE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| BROMOMETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| CHLOROETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| METHYLENE CHLORIDE | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | |
| ACETONE | 5.00 | | R | R | 5.00 | | R | R | 5.00 | | R | R | 5.00 | | R | R | 5.00 | | R | R |
| CARBON DISULFIDE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,1-DICHLOROETHENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,1-DICHLOROETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| CIS-1,2-DICHLOROETHYLENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| TRANS-1,2-DICHLOROETHENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| CHLOROFORM | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,2-DICHLOROETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| METHYL ETHYL KETONE (2-BU | 2.50 | | U | | 2.50 | | U | | 2.50 | | U | | 2.50 | | U | | 2.50 | | U | |
| BROMOCHLOROMETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,1,1-TRICHLOROETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| CARBON TETRACHLORIDE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| BROMODICHLOROMETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,2-DICHLOROPROPANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| CIS-1,3-DICHLOROPROPENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| TRICHLOROETHYLENE (TCE) | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP A: Water Data for Methods 504, 8021, 8330SC, AND 0C21V

| EPA NO | W11SSA | | | | W11SSD | | | | W12SSA | | | | W14SSA | | | | W27SSA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W11SSA | | | | W11SSD | | | | W12SSA | | | | W14SSA | | | | W27SSA | | | |
| Date Sampled | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | | 11/4/97 | | | | 11/21/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *OC21V (UG/L) Continued* | | | | | | | | | | | | | | | | | | | | |
| DIBROMOCHLOROMETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,1,2-TRICHLOROETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| BENZENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| TRANS-1,3-DICHLOROPROPEN | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| BROMOFORM | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | UJ | C | 0.50 | | U | |
| METHYL ISOBUTYL KETONE (4 | 2.50 | | UJ | C | 2.50 | | UJ | C | 2.50 | | U | | 2.50 | | U | | 2.50 | | U | |
| 2-HEXANONE | 2.50 | | UJ | C | 2.50 | | UJ | C | 2.50 | | U | | 2.50 | | U | | 2.50 | | U | |
| TETRACHLOROETHYLENE(PCE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,1,2,2-TETRACHLOROETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,2-DIBROMOETHANE (ETHYLE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| TOLUENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| CHLOROBENZENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| ETHYLBENZENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| STYRENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| XYLENES, TOTAL | ***0.20*** | | ***J*** | | ***0.30*** | | ***J*** | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,3-DICHLOROBENZENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,4-DICHLOROBENZENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,2-DICHLOROBENZENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |
| 1,2-DIBROMO-3-CHLOROPROP | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP A: Water Data for Methods 504, 8021, 8330SC, AND 0C21V

| EPA NO | W9703A | | | | WL23XA | | | | WL71XA | | | | ? | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W9703A | | | | WL23XA | | | | WL71XA | | | | | | | | | | | |
| Date Sampled | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | | | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***504 (NG/L)*** | | | | | | | | | | | | | | | | | | | | |
| 1,2-DIBROMOETHANE (ETHYLE | 4.75 | | U | | 4.60 | | U | | 4.90 | | U | | | | | | | | | |
| ***8021W (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| TERT-BUTYL METHYL ETHER | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| ***OC21V (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| CHLOROMETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| VINYL CHLORIDE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| BROMOMETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| CHLOROETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| METHYLENE CHLORIDE | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | | | | | | | | | |
| ACETONE | 5.00 | | R | R | 5.00 | | R | R | 5.00 | | R | R | | | | | | | | |
| CARBON DISULFIDE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| 1,1-DICHLOROETHENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| 1,1-DICHLOROETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| CIS-1,2-DICHLOROETHYLENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| TRANS-1,2-DICHLOROETHENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| CHLOROFORM | 0.50 | | U | | 0.50 | | U | | *3.00* | | | | | | | | | | | |
| 1,2-DICHLOROETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| METHYL ETHYL KETONE (2-BU | 2.50 | | U | | 2.50 | | U | | 2.50 | | U | | | | | | | | | |
| BROMOCHLOROMETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| CARBON TETRACHLORIDE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| BROMODICHLOROMETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| 1,2-DICHLOROPROPANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| CIS-1,3-DICHLOROPROPENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| TRICHLOROETHYLENE (TCE) | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP A: Water Data for Methods 504, 8021, 8330SC, AND 0C21V

| EPA NO | W9703A | | | | WL23XA | | | | WL71XA | | | | ? | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W9703A | | | | WL23XA | | | | WL71XA | | | | | | | | | | | |
| Date Sampled | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | | | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OC21V (UG/L) Continued*** | | | | | | | | | | | | | | | | | | | | |
| DIBROMOCHLOROMETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| 1,1,2-TRICHLOROETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| BENZENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| TRANS-1,3-DICHLOROPROPEN | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| BROMOFORM | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| METHYL ISOBUTYL KETONE (4 | 2.50 | | U | | 2.50 | | U | | 2.50 | | U | | | | | | | | | |
| 2-HEXANONE | 2.50 | | U | | 2.50 | | U | | 2.50 | | U | | | | | | | | | |
| TETRACHLOROETHYLENE(PCE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| 1,1,2,2-TETRACHLOROETHANE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| 1,2-DIBROMOETHANE (ETHYLE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| TOLUENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| CHLOROBENZENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| ETHYLBENZENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| STYRENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| XYLENES, TOTAL | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| 1,3-DICHLOROBENZENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| 1,4-DICHLOROBENZENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| 1,2-DICHLOROBENZENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| 1,2-DIBROMO-3-CHLOROPROP | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |

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MR

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | S06DBA | | | | S09DBA | | | | S12DBA | | | | S13DAA | | | | S13DAD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S06DBA | | | | S09DBA | | | | S12DBA | | | | S13DAA | | | | S13DAD | | | |
| Date Sampled | 11/20/97 | | | | 11/20/97 | | | | 11/20/97 | | | | 11/21/97 | | | | 11/21/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *IM40 (MG/KG)* | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | 8730.00 | | | | 1560.00 | | | | 3680.00 | | | | 8160.00 | | | | 14500.00 | | | |
| ANTIMONY | 0.41 | | UJ | Q | 0.34 | | UJ | Q | 0.37 | | UJ | Q | 0.38 | | UJ | Q | 0.48 | | UJ | Q |
| ARSENIC | 3.60 | | J | B,*2 | 0.35 | | UJ | B,*2 | 1.40 | | J | B,*2,*10 | 1.30 | | J | B,*2,*10 | 3.50 | | J | B,*2 |
| BARIUM | 14.30 | | | | 2.30 | | | | 6.70 | | | | 18.20 | | | | 14.10 | | | |
| BERYLLIUM | 0.42 | | | | 0.07 | | | | 0.14 | | | | 0.15 | | | | 0.24 | | | |
| CADMIUM | 0.04 | | U | | 0.03 | | U | | 0.03 | | U | | 0.03 | | U | | 0.04 | | U | |
| CALCIUM | 100.00 | | | | 29.70 | | J | *10 | 82.10 | | | | 517.00 | | | | 154.00 | | | |
| CHROMIUM, TOTAL | 11.40 | | | | 2.70 | | | | 4.60 | | | | 8.50 | | | | 13.50 | | | |
| COBALT | 7.10 | | | | 0.50 | | J | *10 | 3.00 | | | | 1.80 | | | | 1.80 | | | |
| COPPER | 5.80 | | | | 0.90 | | | | 3.40 | | | | 5.30 | | | | 3.30 | | | |
| IRON | 11900.00 | | | | 2790.00 | | | | 5490.00 | | | | 8050.00 | | | | 15200.00 | | | |
| LEAD | 5.90 | | J | Q | 1.50 | | J | Q | 3.60 | | J | Q | 21.40 | | J | Q | 13.90 | | J | Q |
| MAGNESIUM | 1690.00 | | | | 153.00 | | | | 672.00 | | | | 738.00 | | | | 661.00 | | | |
| MANGANESE | 133.00 | | | | 11.00 | | | | 84.30 | | | | 40.50 | | | | 28.60 | | | |
| NICKEL | 6.50 | | | | 1.80 | | J | B | 3.50 | | | | 6.10 | | | | 4.30 | | | |
| POTASSIUM | 667.00 | | | | 94.10 | | | | 292.00 | | | | 467.00 | | | | 459.00 | | | |
| SELENIUM | 0.55 | | U | | 0.46 | | U | | 0.49 | | U | | 1.10 | | J | *10 | 0.65 | | U | |
| SILVER | 0.24 | | UJ | B | 0.20 | | UJ | B | 0.22 | | UJ | B | 0.23 | | UJ | B | 0.29 | | UJ | B |
| SODIUM | 70.00 | | U | | 59.00 | | U | | 64.00 | | U | | 65.50 | | U | | 84.00 | | U | |
| THALLIUM | 0.70 | | U | | 0.60 | | U | | 0.65 | | U | | 0.70 | | U | | 0.85 | | U | |
| VANADIUM | 17.40 | | | | 5.00 | | | | 7.50 | | | | 25.10 | | | | 27.80 | | | |
| ZINC | 17.10 | | J | E | 1.70 | | UJ | B | 11.50 | | J | E | 17.70 | | J | E | 12.20 | | J | E |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | S06DBA | | | | S09DBA | | | | S12DBA | | | | S13DAA | | | | S13DAD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S06DBA | | | | S09DBA | | | | S12DBA | | | | S13DAA | | | | S13DAD | | | |
| Date Sampled | 11/20/97 | | | | 11/20/97 | | | | 11/20/97 | | | | 11/21/97 | | | | 11/21/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***CYAN (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| CYANIDE | 0.32 | | U | | 0.27 | | U | | 0.28 | | UJ | H | 0.35 | | U | | 0.41 | | U | |
| ***IM40HG (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| MERCURY | 0.03 | | UJ | B | 0.02 | | UJ | B | 0.03 | | U | | 0.03 | | UJ | B | 0.04 | | UJ | B |
| ***353.2M (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| NITRATE/NITRITE (AS N) | 0.01 | | UJ | Q | ***0.05*** | | ***J*** | ***Q*** | 0.01 | | UJ | Q | ***0.04*** | | ***J*** | ***Q*** | ***0.09*** | | ***J*** | ***Q*** |
| ***350.2M (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| NITROGEN, AMMONIA (AS N) | 1.40 | | U | | 1.20 | | U | | 1.30 | | UJ | *2 | ***21.30*** | | ***J*** | ***Q*** | ***24.50*** | | ***J*** | ***Q*** |
| ***365.2 (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| PHOSPHORUS, TOTAL ORTHOP | ***101.00*** | | ***J*** | ***R,Q*** | ***57.40*** | | ***J*** | ***R,Q*** | ***63.90*** | | ***J*** | ***R,Q*** | ***103.00*** | | ***J*** | ***R,Q*** | ***86.50*** | | ***J*** | ***R,Q*** |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/IIG

| EPA NO | S13DBA | | | | S14DBA | | | | S15DBA | | | | S29DBA | | | | B03ABA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S13DBA | | | | S14DBA | | | | S15DBA | | | | S29DBA | | | | B03ABA | | | |
| Date Sampled | 11/21/97 | | | | 11/20/97 | | | | 11/20/97 | | | | 11/20/97 | | | | 11/7/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *IM40 (MG/KG)* | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | 14300.00 | | | | 8550.00 | | | | 5520.00 | | | | 11600.00 | | | | 11000.00 | | | |
| ANTIMONY | 0.42 | | UJ | Q | 0.38 | | UJ | Q | 0.34 | | UJ | Q | 0.41 | | UJ | Q | 0.96 | | J | *10 |
| ARSENIC | 3.60 | | J | B,*2 | 3.20 | | J | B,*2 | 0.35 | | UJ | B,*2 | 3.80 | | J | B,*2 | 3.40 | | J | B |
| BARIUM | 18.30 | | | | 16.00 | | | | 8.50 | | | | 17.80 | | | | 18.00 | | | |
| BERYLLIUM | 0.32 | | | | 0.39 | | | | 0.12 | | | | 0.34 | | | | 0.21 | | | |
| CADMIUM | 0.04 | | U | | 0.03 | | U | | 0.03 | | U | | 0.04 | | U | | 0.04 | | U | |
| CALCIUM | 153.00 | | | | 167.00 | | | | 61.10 | | | | 171.00 | | | | 213.00 | | | |
| CHROMIUM, TOTAL | 18.20 | | | | 12.20 | | | | 5.20 | | | | 16.20 | | | | 12.70 | | | |
| COBALT | 4.70 | | | | 5.10 | | | | 0.98 | | | | 7.50 | | | | 4.50 | | | |
| COPPER | 6.60 | | | | 6.80 | | | | 0.93 | | | | 7.30 | | | | 8.10 | | J | F |
| IRON | 14000.00 | | | | 10700.00 | | | | 4490.00 | | | | 13200.00 | | | | 12500.00 | | | |
| LEAD | 7.90 | | J | Q | 6.70 | | J | Q | 3.50 | | J | Q | 6.80 | | J | Q | 10.20 | | | |
| MAGNESIUM | 2470.00 | | | | 2050.00 | | | | 513.00 | | | | 2590.00 | | | | 1750.00 | | | |
| MANGANESE | 95.50 | | | | 95.60 | | | | 20.40 | | | | 110.00 | | | | 96.20 | | | |
| NICKEL | 8.90 | | | | 8.40 | | | | 2.20 | | J | B | 10.80 | | | | 6.60 | | | |
| POTASSIUM | 871.00 | | | | 932.00 | | | | 250.00 | | | | 901.00 | | | | 686.00 | | | |
| SELENIUM | 0.55 | | U | | 0.50 | | U | | 0.46 | | U | | 0.55 | | U | | 1.10 | | J | *2 |
| SILVER | 0.26 | | UJ | B | 0.23 | | UJ | B | 0.20 | | UJ | B | 0.24 | | UJ | B | 0.12 | | U | |
| SODIUM | 73.50 | | U | | 65.00 | | U | | 59.00 | | U | | 71.50 | | U | | 45.00 | | U | |
| THALLIUM | 0.75 | | U | | 0.70 | | U | | 0.60 | | U | | 0.75 | | U | | 0.65 | | U | |
| VANADIUM | 23.70 | | | | 16.40 | | | | 8.00 | | | | 21.70 | | | | 20.20 | | | |
| ZINC | 24.60 | | J | E | 31.60 | | J | E | 5.70 | | J | E | 25.90 | | J | E | 24.10 | | | |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | S13DBA | | | | S14DBA | | | | S15DBA | | | | S29DBA | | | | B03ABA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S13DBA | | | | S14DBA | | | | S15DBA | | | | S29DBA | | | | B03ABA | | | |
| Date Sampled | 11/21/97 | | | | 11/20/97 | | | | 11/20/97 | | | | 11/20/97 | | | | 11/7/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***CYAN (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| CYANIDE | 0.32 | | U | | 0.32 | | UJ | H | 0.28 | | UJ | H | 0.32 | | UJ | H | 0.33 | | U | |
| ***IM40HG (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| MERCURY | 0.03 | | U | | 0.03 | | UJ | B | 0.02 | | UJ | B | 0.03 | | U | | ***0.09*** | | | |
| ***353.2M (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| NITRATE/NITRITE (AS N) | ***0.02*** | | *J* | *Q* | ***0.07*** | | *J* | *Q* | ***2.10*** | | *J* | *Q* | ***0.02*** | | *J* | *Q* | ***0.05*** | | *J* | *F* |
| ***350.2M (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| NITROGEN, AMMONIA (AS N) | 1.50 | | UJ | *2 | 1.45 | | U | | 1.30 | | U | | 1.45 | | UJ | *2 | ***9.30*** | | *J* | *R* |
| ***365.2 (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| PHOSPHORUS, TOTAL ORTHOP | ***83.40*** | | *J* | *R,Q* | ***111.00*** | | *J* | *R,Q* | ***44.30*** | | *J* | *R,Q* | ***77.10*** | | *J* | *R,Q* | ***127.00*** | | *J* | *R* |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | B03BBA | | | | B03CBA | | | | B03DBA | | | | S01DBA | | | | S27DBA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B03BBA | | | | B03CBA | | | | B03DBA | | | | S01DBA | | | | S27DBA | | | |
| Date Sampled | 11/7/97 | | | | 11/7/97 | | | | 11/7/97 | | | | 11/20/97 | | | | 11/20/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *IM40 (MG/KG)* | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | 13200.00 | | | | 19800.00 | | | | 5050.00 | | | | 11900.00 | | | | 9900.00 | | | |
| ANTIMONY | 0.74 | | J | *10 | 0.85 | | J | *10 | 0.26 | | U | | 0.30 | | UJ | Q | 0.32 | | UJ | Q |
| ARSENIC | 4.20 | | J | B | 5.90 | | | | 1.00 | | J | B | 3.70 | | J | B,*2 | 3.20 | | J | B,*2 |
| BARIUM | 18.30 | | | | 25.20 | | | | 5.70 | | | | 15.50 | | | | 13.40 | | | |
| BERYLLIUM | 0.28 | | | | 0.38 | | | | 0.09 | | | | 0.23 | | | | 0.17 | | | |
| CADMIUM | 0.04 | | U | | 0.04 | | U | | 0.04 | | U | | 0.03 | | U | | 0.03 | | U | |
| CALCIUM | 162.00 | | | | 191.00 | | | | 53.00 | | | | 113.00 | | | | 94.80 | | | |
| CHROMIUM, TOTAL | 15.90 | | | | 22.30 | | | | 5.10 | | | | 15.00 | | | | 12.50 | | | |
| COBALT | 4.50 | | | | 5.50 | | | | 1.60 | | | | 4.10 | | | | 3.50 | | | |
| COPPER | 9.10 | | J | F | 6.20 | | J | F | 1.90 | | J | F | 4.90 | | | | 3.90 | | | |
| IRON | 13900.00 | | | | 20400.00 | | | | 5470.00 | | | | 11000.00 | | | | 7520.00 | | | |
| LEAD | 8.20 | | | | 11.00 | | | | 3.80 | | | | 7.20 | | J | Q | 5.80 | | J | Q |
| MAGNESIUM | 2080.00 | | | | 2490.00 | | | | 610.00 | | | | 1960.00 | | | | 1790.00 | | | |
| MANGANESE | 84.10 | | | | 101.00 | | | | 41.10 | | | | 70.10 | | | | 62.40 | | | |
| NICKEL | 8.00 | | | | 10.50 | | | | 2.90 | | | | 7.70 | | | | 6.00 | | | |
| POTASSIUM | 839.00 | | | | 940.00 | | | | 214.00 | | | | 677.00 | | | | 586.00 | | | |
| SELENIUM | 1.00 | | J | *2 | 1.80 | | J | *2 | 0.35 | | U | | 0.41 | | U | | 0.42 | | U | |
| SILVER | 0.10 | | U | | 0.13 | | U | | 0.10 | | U | | 0.18 | | UJ | B | 0.19 | | UJ | B |
| SODIUM | 38.85 | | U | | 51.00 | | U | | 38.40 | | U | | 53.00 | | U | | 54.50 | | U | |
| THALLIUM | 0.55 | | U | | 0.70 | | U | | 0.55 | | U | | 0.55 | | U | | 0.55 | | U | |
| VANADIUM | 22.60 | | | | 31.30 | | | | 8.50 | | | | 20.30 | | | | 18.90 | | | |
| ZINC | 28.50 | | | | 29.20 | | | | 10.90 | | | | 22.40 | | J | E | 16.70 | | J | E |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | B03BBA | | | | B03CBA | | | | B03DBA | | | | S01DBA | | | | S27DBA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B03BBA | | | | B03CBA | | | | B03DBA | | | | S01DBA | | | | S27DBA | | | |
| Date Sampled | 11/7/97 | | | | 11/7/97 | | | | 11/7/97 | | | | 11/20/97 | | | | 11/20/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***CYAN (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| CYANIDE | 0.33 | | U | | 0.35 | | U | | 0.30 | | U | | 0.31 | | UJ | H | 0.32 | | UJ | H |
| ***IM40HG (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| MERCURY | ***0.07*** | | | | ***0.08*** | | | | ***0.06*** | | | | 0.03 | | UJ | B | 0.02 | | UJ | B |
| ***353.2M (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| NITRATE/NITRITE (AS N) | ***0.07*** | | | | ***0.02*** | | *J* | *F* | ***0.02*** | | *J* | *F* | ***0.02*** | | *J* | *Q* | ***0.02*** | | *J* | *Q* |
| ***350.2M (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| NITROGEN, AMMONIA (AS N) | ***3.70*** | | *J* | *R* | ***4.20*** | | *J* | *R* | 1.20 | | UJ | R | 1.40 | | U | | 1.40 | | U | |
| ***365.2 (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| PHOSPHORUS, TOTAL ORTHOP | ***101.00*** | | *J* | *R* | ***105.00*** | | *J* | *R* | ***87.00*** | | *J* | *R* | ***52.00*** | | *J* | *R,Q* | ***44.10*** | | *J* | *R,Q* |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/IIG

| EPA NO | S07DBA | | | | S08DBA | | | | S05DBA | | | | S05DNA | | | | S25DBA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S07DBA | | | | S08DBA | | | | S05DBA | | | | S05DNA | | | | S25DBA | | | |
| Date Sampled | 11/20/97 | | | | 11/20/97 | | | | 11/20/97 | | | | 11/6/97 | | | | 11/20/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *IM40 (MG/KG)* | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | 3240.00 | | | | 10100.00 | | | | 2960.00 | | | | 977.00 | | | | 12700.00 | | | |
| ANTIMONY | 0.28 | | UJ | Q | 0.41 | | UJ | Q | 0.37 | | UJ | Q | 0.27 | | U | | 0.29 | | UJ | Q |
| ARSENIC | 1.50 | | J | B,*2 | 2.70 | | J | B,*2 | 0.38 | | UJ | B,*2 | 0.94 | | J | B | 2.00 | | J | B,*2 |
| BARIUM | 4.50 | | | | 12.90 | | | | 4.90 | | | | 5.40 | | | | 15.00 | | | |
| BERYLLIUM | 0.11 | | | | 0.26 | | | | 0.10 | | | | 0.08 | | | | 0.27 | | | |
| CADMIUM | 0.03 | | U | | 0.04 | | U | | 0.03 | | U | | 0.04 | | U | | 0.03 | | U | |
| CALCIUM | 41.40 | | | | 110.00 | | | | 36.50 | | J | *10 | 167.00 | | | | 169.00 | | | |
| CHROMIUM, TOTAL | 4.50 | | | | 12.30 | | | | 3.90 | | | | 8.10 | | | | 15.20 | | | |
| COBALT | 1.50 | | | | 4.30 | | | | 1.30 | | | | 1.00 | | | | 4.20 | | | |
| COPPER | 1.70 | | | | 4.60 | | | | 1.90 | | | | 2.60 | | | | 5.20 | | | |
| IRON | 5690.00 | | | | 10200.00 | | | | 2820.00 | | | | 3760.00 | | | | 13700.00 | | | |
| LEAD | 3.40 | | J | Q | 6.10 | | J | Q | 2.70 | | J | Q | 1.50 | | J | *2 | 7.00 | | J | Q |
| MAGNESIUM | 479.00 | | | | 1660.00 | | | | 631.00 | | | | 276.00 | | | | 2050.00 | | | |
| MANGANESE | 40.40 | | | | 99.40 | | | | 29.20 | | | | 28.10 | | | | 84.60 | | | |
| NICKEL | 1.90 | | J | B | 7.80 | | | | 2.20 | | J | B | 1.90 | | | | 7.30 | | | |
| POTASSIUM | 250.00 | | | | 566.00 | | | | 214.00 | | | | 239.00 | | | | 678.00 | | | |
| SELENIUM | 0.38 | | U | | 0.55 | | U | | 0.49 | | U | | 0.37 | | U | | 0.40 | | U | |
| SILVER | 0.17 | | UJ | B | 0.25 | | UJ | B | 0.22 | | UJ | B | 0.10 | | U | | 0.18 | | UJ | B |
| SODIUM | 48.35 | | U | | 72.00 | | U | | 64.00 | | U | | 39.85 | | U | | 51.50 | | U | |
| THALLIUM | 0.50 | | U | | 0.75 | | U | | 0.65 | | U | | 0.55 | | U | | 0.55 | | U | |
| VANADIUM | 8.60 | | | | 17.70 | | | | 5.90 | | | | 4.20 | | | | 19.70 | | | |
| ZINC | 7.80 | | J | E | 19.50 | | J | E | 8.50 | | J | E | 5.90 | | | | 19.80 | | J | E |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | S07DBA | | | | S08DBA | | | | S05DBA | | | | S05DNA | | | | S25DBA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S07DBA | | | | S08DBA | | | | S05DBA | | | | S05DNA | | | | S25DBA | | | |
| Date Sampled | 11/20/97 | | | | 11/20/97 | | | | 11/20/97 | | | | 11/6/97 | | | | 11/20/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *CYAN (MG/KG)* | | | | | | | | | | | | | | | | | | | | |
| CYANIDE | 0.26 | | UJ | H | 0.31 | | UJ | H | 0.28 | | UJ | H | 0.28 | | U | | 0.32 | | UJ | H |
| *IM40HG (MG/KG)* | | | | | | | | | | | | | | | | | | | | |
| MERCURY | 0.03 | | UJ | B | 0.03 | | UJ | B | 0.02 | | UJ | B | *0.06* | | | | 0.03 | | UJ | B |
| *353.2M (MG/KG)* | | | | | | | | | | | | | | | | | | | | |
| NITRATE/NITRITE (AS N) | *0.03* | | *J* | *Q* | *0.07* | | *J* | *Q* | *0.02* | | *J* | *Q* | *0.03* | | *J* | *F* | *0.02* | | *J* | *Q* |
| *350.2M (MG/KG)* | | | | | | | | | | | | | | | | | | | | |
| NITROGEN, AMMONIA (AS N) | *6.60* | | *J* | *Q* | *4.00* | | *J* | *Q* | 1.25 | | U | | 1.20 | | UJ | R | *2.90* | | *J* | *Q* |
| *365.2 (MG/KG)* | | | | | | | | | | | | | | | | | | | | |
| PHOSPHORUS, TOTAL ORTHOP | *76.20* | | *J* | *R,Q* | *58.70* | | *J* | *R,Q* | *42.60* | | *J* | *R,Q* | *43.30* | | *J* | *R* | *55.90* | | *J* | *R,Q* |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | B41BAA | | | | B41BBA | | | | B41CAA | | | | B41CBA | | | | B41DAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41BAA | | | | B41BBA | | | | B41CAA | | | | B41CBA | | | | B41DAA | | | |
| Date Sampled | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *IM40 (MG/KG)* | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | 5040.00 | | | | 14400.00 | | | | 975.00 | | | | 8190.00 | | | | 843.00 | | | |
| ANTIMONY | 0.30 | | UJ | B | 0.31 | | U | | 0.26 | | UJ | B | 0.37 | | UJ | B | 0.46 | | UJ | B |
| ARSENIC | 1.00 | | UJ | B | 3.80 | | J | *2 | 0.70 | | UJ | B | 0.80 | | UJ | B | 0.80 | | UJ | B |
| BARIUM | 7.40 | | | | 24.90 | | | | 2.70 | | | | 7.90 | | | | 3.00 | | | |
| BERYLLIUM | 0.05 | | J | B | 0.30 | | | | 0.01 | | UJ | B | 0.16 | | | | 0.01 | | UJ | B |
| CADMIUM | 0.04 | | U | | 0.04 | | U | | 0.04 | | U | | 0.04 | | U | | 0.04 | | U | |
| CALCIUM | 148.00 | | | | 102.00 | | | | 33.30 | | | | 71.80 | | | | 25.20 | | J | *10 |
| CHROMIUM, TOTAL | 4.70 | | | | 14.30 | | | | 1.30 | | | | 7.00 | | | | 1.30 | | | |
| COBALT | 0.80 | | | | 3.60 | | | | 0.25 | | J | *10 | 1.40 | | | | 0.36 | | J | *10 |
| COPPER | 2.60 | | J | F | 3.80 | | J | F | 0.74 | | J | F | 1.90 | | J | F | 1.40 | | J | F |
| IRON | 6850.00 | | | | 13400.00 | | | | 1950.00 | | | | 7440.00 | | | | 1750.00 | | | |
| LEAD | 15.50 | | | | 7.10 | | | | 5.80 | | | | 4.40 | | | | 8.30 | | | |
| MAGNESIUM | 187.00 | | | | 1230.00 | | | | 44.50 | | | | 377.00 | | | | 46.80 | | | |
| MANGANESE | 13.20 | | | | 63.80 | | | | 4.80 | | | | 26.10 | | | | 4.90 | | | |
| NICKEL | 2.40 | | | | 7.60 | | | | 0.58 | | J | B | 3.10 | | | | 0.42 | | J | B |
| POTASSIUM | 121.00 | | | | 346.00 | | | | 62.30 | | J | *10 | 181.00 | | | | 60.00 | | J | *10 |
| SELENIUM | 0.41 | | U | | 0.43 | | U | | 0.34 | | U | | 0.38 | | U | | 0.41 | | U | |
| SILVER | 0.11 | | U | | 0.12 | | U | | 0.10 | | U | | 0.10 | | U | | 0.11 | | U | |
| SODIUM | 43.75 | | U | | 46.25 | | U | | 36.95 | | U | | 41.15 | | U | | 44.05 | | U | |
| THALLIUM | 0.60 | | U | | 0.65 | | U | | 0.50 | | U | | 1.60 | | J | *10 | 0.60 | | U | |
| VANADIUM | 22.70 | | | | 21.70 | | | | 10.00 | | | | 12.70 | | | | 9.70 | | | |
| ZINC | 12.30 | | | | 19.00 | | | | 4.20 | | | | 9.20 | | | | 1.75 | | UJ | B |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | B41BAA | | | | B41BBA | | | | B41CAA | | | | B41CBA | | | | B41DAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41BAA | | | | B41BBA | | | | B41CAA | | | | B41CBA | | | | B41DAA | | | |
| Date Sampled | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | |
| Depth | . | | | | . | | | | . | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***CYAN (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| CYANIDE | 0.33 | | U | | 0.30 | | U | | 0.28 | | U | | 0.29 | | U | | 0.28 | | U | |
| ***IM40HG (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| MERCURY | 0.03 | | U | | 0.03 | | U | | 0.03 | | U | | 0.03 | | U | | 0.03 | | U | |
| ***353.2M (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| NITRATE/NITRITE (AS N) | ***0.06*** | | | | ***0.01*** | | *J* | *F* | ***0.19*** | | | | ***0.01*** | | *J* | *F* | ***0.06*** | | | |
| ***350.2M (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| NITROGEN, AMMONIA (AS N) | ***12.90*** | | | | 1.20 | | U | | ***3.30*** | | | | 1.10 | | U | | ***4.60*** | | | |
| ***365.2 (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| PHOSPHORUS, TOTAL ORTHOP | ***83.30*** | | *J* | *R* | ***143.00*** | | *J* | *R* | ***37.60*** | | *J* | *R* | ***93.10*** | | *J* | *R* | ***38.60*** | | *J* | *R* |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/IIG

| EPA NO | B41DBA | | | | B41EAA | | | | B41EBA | | | | B41FAA | | | | B41FBA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41DBA | | | | B41EAA | | | | B41EBA | | | | B41FAA | | | | B41FBA | | | |
| Date Sampled | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/5/97 | | | | 11/5/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *IM40 (MG/KG)* | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | 7270.00 | | | | 11000.00 | | | | 11800.00 | | | | 10500.00 | | | | 9730.00 | | | |
| ANTIMONY | 0.27 | | U | | 0.32 | | U | | 0.26 | | UJ | B | 0.43 | | UJ | B | 0.60 | | UJ | B |
| ARSENIC | 1.10 | | UJ | B | 2.25 | | UJ | B | 1.50 | | UJ | B | 1.45 | | UJ | B | 2.10 | | UJ | B |
| BARIUM | 9.40 | | | | 9.40 | | | | 15.60 | | | | 12.30 | | | | 14.30 | | | |
| BERYLLIUM | 0.14 | | | | 0.06 | | UJ | B | 0.21 | | | | 0.17 | | | | 0.23 | | | |
| CADMIUM | 0.04 | | U | | 0.04 | | U | | 0.03 | | U | | 0.04 | | U | | 0.04 | | U | |
| CALCIUM | 51.50 | | | | 87.90 | | | | 66.70 | | | | 60.70 | | | | 75.80 | | | |
| CHROMIUM, TOTAL | 6.20 | | | | 10.00 | | | | 13.30 | | | | 8.40 | | | | 11.70 | | | |
| COBALT | 1.50 | | | | 0.70 | | UJ | B | 3.10 | | | | 1.30 | | | | 3.30 | | | |
| COPPER | 2.20 | | J | F | 1.25 | | UJ | B | 2.60 | | J | F | 1.30 | | J | F | 3.00 | | J | F |
| IRON | 6510.00 | | | | 12300.00 | | | | 10300.00 | | | | 10300.00 | | | | 10300.00 | | | |
| LEAD | 4.20 | | | | 19.10 | | | | 6.30 | | | | 7.60 | | | | 6.00 | | | |
| MAGNESIUM | 405.00 | | | | 426.00 | | | | 1250.00 | | | | 356.00 | | | | 986.00 | | | |
| MANGANESE | 26.30 | | | | 17.50 | | | | 49.00 | | | | 22.90 | | | | 56.10 | | | |
| NICKEL | 3.50 | | | | 3.30 | | | | 5.40 | | | | 3.20 | | | | 5.60 | | | |
| POTASSIUM | 156.00 | | | | 245.00 | | | | 394.00 | | | | 192.00 | | | | 308.00 | | | |
| SELENIUM | 0.38 | | U | | 0.44 | | UJ | B,*2 | 0.40 | | UJ | B | 0.65 | | UJ | B | 0.36 | | U | |
| SILVER | 0.10 | | U | | 0.12 | | U | | 0.09 | | U | | 0.11 | | U | | 0.10 | | U | |
| SODIUM | 40.50 | | U | | 47.65 | | U | | 34.10 | | U | | 43.40 | | U | | 39.10 | | U | |
| THALLIUM | 0.55 | | U | | 0.65 | | UJ | *2 | 0.47 | | U | | 0.60 | | U | | 0.55 | | U | |
| VANADIUM | 10.60 | | | | 29.30 | | | | 18.00 | | | | 17.60 | | | | 17.10 | | | |
| ZINC | 10.20 | | | | 10.80 | | | | 14.70 | | | | 12.40 | | | | 14.00 | | | |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | B41DBA | | | | B41EAA | | | | B41EBA | | | | B41FAA | | | | B41FBA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41DBA | | | | B41EAA | | | | B41EBA | | | | B41FAA | | | | B41FBA | | | |
| Date Sampled | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/5/97 | | | | 11/5/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***CYAN (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| CYANIDE | 0.29 | | U | | 0.33 | | U | | 0.33 | | U | | 0.30 | | U | | 0.33 | | U | |
| ***IM40HG (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| MERCURY | 0.03 | | U | | 0.03 | | U | | 0.03 | | U | | 0.03 | | U | | 0.02 | | U | |
| ***353.2M (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| NITRATE/NITRITE (AS N) | ***0.02*** | | ***J*** | ***F*** | ***0.04*** | | ***J*** | ***F*** | ***0.02*** | | ***J*** | ***F*** | ***0.02*** | | ***J*** | ***F*** | ***0.01*** | | ***J*** | ***F*** |
| ***350.2M (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| NITROGEN, AMMONIA (AS N) | 1.10 | | U | | ***13.30*** | | | | 1.20 | | U | | ***12.80*** | | | | ***3.90*** | | | |
| ***365.2 (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| PHOSPHORUS, TOTAL ORTHOP | ***74.10*** | | ***J*** | ***R*** | ***114.00*** | | ***J*** | ***R*** | ***105.00*** | | ***J*** | ***R*** | ***89.40*** | | ***J*** | ***R*** | ***101.00*** | | ***J*** | ***R*** |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | B41GAA | | | | B41GBA | | | | B41HAA | | | | B41HBA | | | | B41IAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41GAA | | | | B41GBA | | | | B41HAA | | | | B41HBA | | | | B41IAA | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *IM40 (MG/KG)* | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | 9600.00 | | | | 12900.00 | | | | 15300.00 | | | | 15100.00 | | | | 8410.00 | | | |
| ANTIMONY | 0.34 | | UJ | B | 0.50 | | UJ | B | 0.65 | | UJ | B | 0.82 | | J | *10 | 0.32 | | U | |
| ARSENIC | 1.60 | | UJ | B | 1.95 | | UJ | B | 2.55 | | UJ | B | 4.00 | | J | B | 3.00 | | J | B |
| BARIUM | 8.20 | | | | 13.80 | | | | 24.80 | | | | 27.20 | | | | 8.20 | | | |
| BERYLLIUM | 0.09 | | J | B | 0.18 | | | | 0.30 | | | | 0.30 | | | | 0.09 | | | |
| CADMIUM | 0.04 | | U | | 0.04 | | U | | 0.05 | | U | | 0.04 | | U | | 0.04 | | U | |
| CALCIUM | 45.80 | | | | 82.30 | | | | 168.00 | | | | 129.00 | | | | 68.60 | | | |
| CHROMIUM, TOTAL | 8.90 | | | | 12.00 | | | | 17.60 | | | | 17.80 | | | | 7.50 | | | |
| COBALT | 1.50 | | | | 2.00 | | | | 4.60 | | | | 4.60 | | | | 1.10 | | | |
| COPPER | 1.70 | | J | F | 2.00 | | J | F | 3.60 | | J | F | 4.60 | | J | F | 1.80 | | J | F |
| IRON | 10700.00 | | | | 11200.00 | | | | 13500.00 | | | | 14700.00 | | | | 12500.00 | | | |
| LEAD | 8.00 | | | | 8.50 | | | | 8.40 | | | | 8.10 | | | | 9.40 | | | |
| MAGNESIUM | 362.00 | | | | 710.00 | | | | 1740.00 | | | | 1770.00 | | | | 306.00 | | | |
| MANGANESE | 19.40 | | | | 29.30 | | | | 78.30 | | | | 90.50 | | | | 16.80 | | | |
| NICKEL | 3.30 | | | | 5.80 | | | | 8.80 | | | | 8.10 | | | | 2.20 | | | |
| POTASSIUM | 161.00 | | | | 252.00 | | | | 671.00 | | | | 640.00 | | | | 249.00 | | | |
| SELENIUM | 0.46 | | U | | 0.70 | | UJ | B | 0.49 | | U | | 1.30 | | J | *2 | 1.20 | | J | *2 |
| SILVER | 0.12 | | U | | 0.11 | | U | | 0.14 | | U | | 0.10 | | U | | 0.12 | | U | |
| SODIUM | 49.35 | | U | | 43.25 | | U | | 53.00 | | U | | 39.90 | | U | | 46.55 | | U | |
| THALLIUM | 0.70 | | U | | 0.60 | | U | | 0.75 | | U | | 0.55 | | U | | 0.65 | | U | |
| VANADIUM | 18.20 | | | | 20.80 | | | | 24.10 | | | | 25.20 | | | | 21.60 | | | |
| ZINC | 13.80 | | | | 18.40 | | | | 22.40 | | | | 19.50 | | | | 10.50 | | | |

OEES Technical Information System RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | B41GAA | | | | B41GBA | | | | B41HAA | | | | B41HBA | | | | B41IAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41GAA | | | | B41GBA | | | | B41HAA | | | | B41HBA | | | | B41IAA | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***CYAN (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| CYANIDE | 0.34 | | U | | 0.31 | | U | | 0.39 | | U | | 0.34 | | U | | 0.37 | | U | |
| ***IM40HG (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| MERCURY | 0.03 | | U | | 0.03 | | U | | 0.03 | | U | | ***0.10*** | | | | ***0.11*** | | | |
| ***353.2M (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| NITRATE/NITRITE (AS N) | ***0.05*** | | *J* | *F* | ***0.02*** | | *J* | *F* | ***0.01*** | | *J* | *F* | 0.01 | | U | | ***0.04*** | | *J* | *F* |
| ***350.2M (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| NITROGEN, AMMONIA (AS N) | ***14.60*** | | | | ***3.80*** | | | | ***12.30*** | | | | ***4.30*** | | *J* | *R* | ***15.80*** | | *J* | *R* |
| ***365.2 (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| PHOSPHORUS, TOTAL ORTHOP | ***101.00*** | | *J* | *R* | ***93.10*** | | *J* | *R* | ***119.00*** | | *J* | *R* | ***118.00*** | | *J* | *R* | ***93.60*** | | *J* | *R* |

OEES Technical Information Systems RGEN Ver. 24

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | B41IBA | | | | B41JAA | | | | ? | | | | ? | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41IBA | | | | B41JAA | | | | | | | | | | | | | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | | | | | | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *IM40 (MG/KG)* | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | 9540.00 | | | | 7570.00 | | | | | | | | | | | | | | | |
| ANTIMONY | 0.55 | | J | *10 | 0.28 | | U | | | | | | | | | | | | | |
| ARSENIC | 2.60 | | J | B | 2.00 | | J | B | | | | | | | | | | | | |
| BARIUM | 15.10 | | | | 8.00 | | | | | | | | | | | | | | | |
| BERYLLIUM | 0.20 | | | | 0.09 | | | | | | | | | | | | | | | |
| CADMIUM | 0.04 | | U | | 0.04 | | U | | | | | | | | | | | | | |
| CALCIUM | 121.00 | | | | 56.80 | | | | | | | | | | | | | | | |
| CHROMIUM, TOTAL | 10.70 | | | | 6.60 | | | | | | | | | | | | | | | |
| COBALT | 2.80 | | | | 0.97 | | | | | | | | | | | | | | | |
| COPPER | 2.60 | | J | F | 1.50 | | J | F | | | | | | | | | | | | |
| IRON | 10200.00 | | | | 10000.00 | | | | | | | | | | | | | | | |
| LEAD | 6.30 | | | | 6.70 | | | | | | | | | | | | | | | |
| MAGNESIUM | 932.00 | | | | 289.00 | | | | | | | | | | | | | | | |
| MANGANESE | 52.10 | | | | 18.00 | | | | | | | | | | | | | | | |
| NICKEL | 5.40 | | | | 2.00 | | | | | | | | | | | | | | | |
| POTASSIUM | 426.00 | | | | 198.00 | | | | | | | | | | | | | | | |
| SELENIUM | 0.38 | | U | | 0.39 | | U | | | | | | | | | | | | | |
| SILVER | 0.10 | | U | | 0.11 | | U | | | | | | | | | | | | | |
| SODIUM | 40.30 | | U | | 42.15 | | U | | | | | | | | | | | | | |
| THALLIUM | 0.55 | | U | | 0.60 | | U | | | | | | | | | | | | | |
| VANADIUM | 17.30 | | | | 17.30 | | | | | | | | | | | | | | | |
| ZINC | 16.10 | | | | 10.50 | | | | | | | | | | | | | | | |

OEES Technical Information Systems KGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP B: Soil Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | B41HBA | | | | B41JAA | | | | ? | | | | ? | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41HBA | | | | B41JAA | | | | | | | | | | | | | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | | | | | | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***CYAN (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| CYANIDE | 0.33 | | U | | 0.34 | | U | | | | | | | | | | | | | |
| ***IM40HG (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| MERCURY | ***0.10*** | | | | ***0.10*** | | | | | | | | | | | | | | | |
| ***353.2M (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| NITRATE/NITRITE (AS N) | ***0.01*** | | *J* | *F* | ***0.04*** | | *J* | *F* | | | | | | | | | | | | |
| ***350.2M (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| NITROGEN, AMMONIA (AS N) | ***4.00*** | | *J* | *R* | ***10.20*** | | *J* | *R* | | | | | | | | | | | | |
| ***365.2 (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| PHOSPHORUS, TOTAL ORTHOP | ***116.00*** | | *J* | *R* | ***87.70*** | | *J* | *R* | | | | | | | | | | | | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | W04SSL | | | | W06SDL | | | | W06SSA | | | | W06SSD | | | | W06SSL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W04SSL | | | | W06SDL | | | | W06SSA | | | | W06SSD | | | | W06SSL | | | |
| Date Sampled | 11/4/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | |
| Depth | . | | | | . | | | | . | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***IM40 (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | 10.95 | | U | | 27.00 | | J | F,*10 | 10.95 | | U | | 10.95 | | U | | 10.95 | | U | |
| ANTIMONY | 3.80 | | J | *10 | 1.45 | | U | | 1.45 | | U | | 1.45 | | U | | 3.60 | | J | F,*10 |
| ARSENIC | 1.40 | | UJ | B | 1.85 | | UJ | B | 1.25 | | U | | 1.80 | | UJ | B | 3.75 | | UJ | B |
| BARIUM | 1.80 | | U | | 15.60 | | | | 15.80 | | | | 14.80 | | | | 15.30 | | | |
| BERYLLIUM | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | |
| CADMIUM | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | |
| CALCIUM | 2080.00 | | | | 2910.00 | | | | 2960.00 | | | | 2840.00 | | | | 2900.00 | | | |
| CHROMIUM, TOTAL | 1.10 | | J | *10 | 1.90 | | | | 0.45 | | U | | 0.97 | | J | *10 | 0.45 | | U | |
| COBALT | 0.65 | | U | | 2.00 | | J | *10 | 0.65 | | U | | 1.50 | | J | *10 | 0.65 | | U | |
| COPPER | 0.55 | | U | | 2.10 | | J | F,*10 | 0.55 | | U | | 0.55 | | U | | 0.55 | | U | |
| IRON | 10.20 | | U | | 18.65 | | UJ | B | 15.40 | | UJ | B | 16.50 | | UJ | B | 20.20 | | UJ | B |
| LEAD | 0.85 | | UJ | *2 | 0.85 | | UJ | *2 | 0.85 | | UJ | *2 | 0.85 | | UJ | *2 | 0.85 | | UJ | *2 |
| MAGNESIUM | 1200.00 | | | | 1240.00 | | | | 1280.00 | | | | 1220.00 | | | | 1260.00 | | | |
| MANGANESE | 2.60 | | | | 13.10 | | | | 13.00 | | | | 11.70 | | | | 12.80 | | | |
| NICKEL | 0.45 | | UJ | B | 0.45 | | UJ | B | 0.45 | | UJ | B | 1.00 | | J | B,*10 | 0.45 | | UJ | B |
| POTASSIUM | 582.00 | | | | 688.00 | | | | 740.00 | | | | 648.00 | | | | 584.00 | | | |
| SELENIUM | 2.00 | | UJ | B,*2 | 2.00 | | UJ | *2 | 2.00 | | UJ | *2 | 2.35 | | UJ | B,*2 | 2.00 | | UJ | *2 |
| SILVER | 0.55 | | U | | 2.10 | | J | *10 | 0.55 | | U | | 0.55 | | U | | 0.55 | | U | |
| SODIUM | 7440.00 | | | | 7650.00 | | | | 7780.00 | | | | 7500.00 | | | | 7480.00 | | | |
| THALLIUM | 3.00 | | UJ | B,*2 | 3.00 | | UJ | B,*2 | 3.00 | | UJ | *2 | 3.00 | | UJ | B,*2 | 3.00 | | UJ | *2 |
| VANADIUM | 0.60 | | U | | 2.00 | | | | 0.60 | | U | | 0.60 | | U | | 0.60 | | U | |
| ZINC | 6.10 | | UJ | B | 5.15 | | UJ | B | 4.70 | | UJ | B | 3.95 | | UJ | B | 3.90 | | UJ | B |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | W04SSL | | | | W06SDL | | | | W06SSA | | | | W06SSD | | | | W06SSL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W04SSL | | | | W06SDL | | | | W06SSA | | | | W06SSD | | | | W06SSL | | | |
| Date Sampled | 11/4/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | |
| Depth | . | | | | . | | | | . | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***IM40HG (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| MERCURY | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | |
| ***350.2M (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| NITROGEN, AMMONIA (AS N) | | | | | | | | | ***0.02*** | | ***J*** | ***F*** | 0.01 | | U | | | | | |
| ***353.2M (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| NITRATE/NITRITE (AS N) | | | | | | | | | ***0.13*** | | | | ***0.13*** | | | | | | | |
| ***365.2 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| PHOSPHORUS, TOTAL ORTHOP | | | | | | | | | 0.01 | | UJ | R | 0.01 | | UJ | R | | | | |
| ***CYAN (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| CYANIDE | | | | | | | | | 2.50 | | U | | 2.50 | | U | | | | | |

OEES Technical Information Systems ROEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | W10DDA | | | | W10DDL | | | | W10SDL | | | | W10SSA | | | | W10SSD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W10DDA | | | | W10DDL | | | | W10SDL | | | | W10SSA | | | | W10SSD | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *IM40 (UG/L)* | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | *748.00* | | | | *28.60* | | *J* | *F,*10* | *89.50* | | | | *370.00* | | | | *408.00* | | | |
| ANTIMONY | 1.45 | | U | | 1.45 | | U | | 1.45 | | U | | 1.45 | | U | | 1.45 | | U | |
| ARSENIC | 4.40 | | UJ | B | 2.55 | | UJ | B | 1.25 | | UJ | B | 1.25 | | UJ | B | 1.25 | | UJ | B |
| BARIUM | *14.40* | | | | *7.40* | | | | *12.90* | | | | *14.90* | | | | *15.20* | | | |
| BERYLLIUM | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | |
| CADMIUM | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | |
| CALCIUM | *5630.00* | | | | *5540.00* | | | | *2840.00* | | | | *2910.00* | | | | *3020.00* | | | |
| CHROMIUM, TOTAL | *1.70* | | *J* | **10* | 0.45 | | U | | 0.45 | | U | | *2.20* | | | | *1.80* | | *J* | **10* |
| COBALT | 0.65 | | U | | 0.65 | | U | | 0.65 | | U | | 0.65 | | U | | 0.65 | | U | |
| COPPER | 0.55 | | U | | 0.55 | | U | | 0.55 | | U | | 0.55 | | U | | 0.55 | | U | |
| IRON | *2790.00* | | | | *1690.00* | | | | *372.00* | | | | *850.00* | | | | *896.00* | | | |
| LEAD | 0.85 | | UJ | *2 | 0.85 | | UJ | *2 | 0.85 | | U | | 0.85 | | U | | 0.85 | | U | |
| MAGNESIUM | *2230.00* | | | | *2110.00* | | | | *1330.00* | | | | *1410.00* | | | | *1450.00* | | | |
| MANGANESE | *191.00* | | | | *182.00* | | | | *268.00* | | | | *283.00* | | | | *294.00* | | | |
| NICKEL | 0.45 | | U | | *1.10* | | *J* | *B,*10* | *2.30* | | *J* | *B* | *2.70* | | *J* | *B* | *2.80* | | *J* | *B* |
| POTASSIUM | *1180.00* | | | | *1010.00* | | | | *903.00* | | | | *881.00* | | | | *919.00* | | | |
| SELENIUM | 2.00 | | UJ | *2 | 2.00 | | UJ | B,*2 | 2.00 | | U | | 2.00 | | U | | 2.00 | | U | |
| SILVER | 0.55 | | U | | 0.55 | | U | | 0.55 | | U | | 0.55 | | U | | 0.55 | | U | |
| SODIUM | *8340.00* | | | | *8400.00* | | | | *6750.00* | | | | *6580.00* | | | | *7080.00* | | | |
| THALLIUM | 3.00 | | UJ | B,*2 | 3.00 | | UJ | B,*2 | 3.00 | | U | | 3.00 | | U | | 3.00 | | U | |
| VANADIUM | *1.60* | | | | 0.60 | | U | | 0.60 | | U | | 0.60 | | U | | 0.60 | | U | |
| ZINC | 4.45 | | UJ | B | 2.95 | | UJ | B | 4.25 | | UJ | B | 4.40 | | UJ | B | 4.40 | | UJ | B |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | W10DDA | | | | W10DDL | | | | W10SDL | | | | W10SSA | | | | W10SSD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W10DDA | | | | W10DDL | | | | W10SDL | | | | W10SSA | | | | W10SSD | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* / Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***IM40HG (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| MERCURY | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | |
| ***350.2M (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| NITROGEN, AMMONIA (AS N) | ***0.03*** | | *J* | *F* | | | | | | | | | ***0.02*** | | *J* | *F,R* | 0.01 | | UJ | R |
| ***353.2M (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| NITRATE/NITRITE (AS N) | 0.01 | | U | | | | | | | | | | ***0.05*** | | *J* | *F* | ***0.05*** | | *J* | *F* |
| ***365.2 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| PHOSPHORUS, TOTAL ORTHOP | ***0.13*** | | *J* | *R* | | | | | | | | | ***0.03*** | | *J* | *R* | ***0.03*** | | *J* | *R* |
| ***CYAN (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| CYANIDE | 2.50 | | U | | | | | | | | | | 2.50 | | U | | 2.50 | | U | |

OEES Technical Information Systems ROEN Ver. 24

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | W10SSL | | | | W11SDL | | | | W11SSA | | | | W11SSD | | | | W11SSL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W10SSL | | | | W11SDL | | | | W11SSA | | | | W11SSD | | | | W11SSL | | | |
| Date Sampled | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *M40 (UG/L)* | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | *58.70* | | | | *24.50* | | *J* | **10* | 10.95 | | U | | 10.95 | | U | | 10.95 | | U | |
| ANTIMONY | 1.45 | | U | | 1.45 | | U | | 1.45 | | U | | 1.45 | | U | | 1.45 | | U | |
| ARSENIC | 1.25 | | UJ | B | 1.25 | | UJ | B | 1.25 | | UJ | B | 1.25 | | UJ | B | 1.25 | | UJ | B |
| BARIUM | *13.20* | | | | 1.80 | | U | | 1.80 | | U | | 1.80 | | U | | 1.80 | | U | |
| BERYLLIUM | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | |
| CADMIUM | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | |
| CALCIUM | *2860.00* | | | | *2920.00* | | | | *3020.00* | | | | *2830.00* | | | | *3000.00* | | | |
| CHROMIUM, TOTAL | 0.45 | | U | | 0.45 | | U | | 0.45 | | U | | 0.45 | | U | | *1.10* | | *J* | **10* |
| COBALT | 0.65 | | U | | 0.65 | | U | | 0.65 | | U | | 0.65 | | U | | 0.65 | | U | |
| COPPER | 0.55 | | U | | 0.55 | | U | | 0.55 | | U | | 0.55 | | U | | 0.55 | | U | |
| IRON | *324.00* | | | | 10.20 | | U | | 10.20 | | U | | 10.20 | | U | | 10.20 | | U | |
| LEAD | 0.85 | | U | | 0.85 | | U | | 0.85 | | U | | 0.85 | | U | | 0.85 | | U | |
| MAGNESIUM | *1360.00* | | | | *1370.00* | | | | *1420.00* | | | | *1330.00* | | | | *1390.00* | | | |
| MANGANESE | *271.00* | | | | *1.90* | | | | *1.90* | | | | *1.80* | | | | *2.30* | | | |
| NICKEL | *2.20* | | *J* | *B* | 0.45 | | UJ | B | 0.45 | | UJ | B | 0.45 | | UJ | B | 0.45 | | UJ | B |
| POTASSIUM | *878.00* | | | | *374.00* | | *J* | **10* | *437.00* | | | | *432.00* | | *J* | *B* | *292.00* | | *J* | **10* |
| SELENIUM | 2.00 | | U | | 2.00 | | U | | 2.00 | | U | | 2.00 | | U | | 2.00 | | U | |
| SILVER | 0.55 | | U | | 0.55 | | U | | 0.55 | | U | | 0.55 | | U | | 0.55 | | U | |
| SODIUM | *6930.00* | | | | *5880.00* | | | | *6060.00* | | | | *5820.00* | | | | *5930.00* | | | |
| THALLIUM | 3.00 | | U | | 3.00 | | U | | 3.00 | | U | | 3.00 | | U | | 3.00 | | U | |
| VANADIUM | 0.60 | | U | | 0.60 | | U | | 0.60 | | U | | 0.60 | | U | | 0.60 | | U | |
| ZINC | 4.70 | | UJ | B | 3.50 | | UJ | B | 4.70 | | UJ | B | 5.15 | | UJ | B | 3.80 | | UJ | B |

OEES Technical Information Systems ROEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | W10SSL | | | | W11SDL | | | | W11SSA | | | | W11SSD | | | | W11SSL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W10SSL | | | | W11SDL | | | | W11SSA | | | | W11SSD | | | | W11SSL | | | |
| Date Sampled | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***IM40HG (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| MERCURY | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | |
| ***350.2M (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| NITROGEN, AMMONIA (AS N) | | | | | | | | | 0.01 | | UJ | R | 0.01 | | UJ | R | | | | |
| ***353.2M (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| NITRATE/NITRITE (AS N) | | | | | | | | | ***0.31*** | | | | ***0.34*** | | | | | | | |
| ***365.2 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| PHOSPHORUS, TOTAL ORTHOP | | | | | | | | | 0.01 | | UJ | R | 0.01 | | UJ | R | | | | |
| ***CYAN (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| CYANIDE | | | | | | | | | 2.50 | | U | | 2.50 | | U | | | | | |

OEES Technical Information Systems ROEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | W12SSA | | | | W14SSA | | | | W14SSL | | | | W27SSA | | | | W27SSL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W12SSA | | | | W14SSA | | | | W14SSL | | | | W27SSA | | | | W27SSL | | | |
| Date Sampled | 11/6/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/21/97 | | | | 11/21/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***IM40 (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | 10.95 | | U | | 10.95 | | U | | 10.95 | | U | | 10.70 | | UJ | B | 6.15 | | U | |
| ANTIMONY | 1.45 | | U | | 1.45 | | U | | 1.45 | | U | | 1.75 | | U | | 1.75 | | U | |
| ARSENIC | 1.25 | | UJ | B | 1.25 | | U | | 1.25 | | U | | 1.80 | | UJ | B,*2 | 1.80 | | UJ | B,*2 |
| BARIUM | ***3.70*** | | ***J*** | ****10*** | ***6.10*** | | ***J*** | ****10*** | ***6.20*** | | ***J*** | ****10*** | ***8.40*** | | ***J*** | ****10*** | ***8.10*** | | ***J*** | ****10*** |
| BERYLLIUM | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | |
| CADMIUM | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.15 | | U | | 0.15 | | U | |
| CALCIUM | ***1850.00*** | | | | ***1780.00*** | | | | ***1810.00*** | | | | ***2620.00*** | | | | ***2590.00*** | | | |
| CHROMIUM, TOTAL | 0.45 | | U | | 0.45 | | U | | 0.45 | | U | | 0.55 | | U | | 0.55 | | U | |
| COBALT | 0.65 | | U | | 0.65 | | U | | 0.65 | | U | | 0.85 | | U | | 0.85 | | U | |
| COPPER | 0.55 | | U | | 0.55 | | U | | 0.55 | | U | | 1.15 | | U | | 1.15 | | U | |
| IRON | 10.20 | | U | | 10.20 | | U | | ***34.00*** | | ***J*** | ****2*** | ***25.70*** | | ***J*** | ****10*** | 12.80 | | U | |
| LEAD | 0.85 | | U | | 0.85 | | UJ | *2 | 0.85 | | UJ | *2 | 0.90 | | U | | 0.90 | | U | |
| MAGNESIUM | ***1070.00*** | | | | ***1580.00*** | | | | ***1610.00*** | | | | ***1340.00*** | | | | ***1320.00*** | | | |
| MANGANESE | ***4.00*** | | | | ***2.60*** | | | | 1.40 | | UJ | B | ***15.10*** | | | | ***15.80*** | | | |
| NICKEL | 0.45 | | UJ | B | 0.45 | | UJ | B | 0.45 | | UJ | B | 1.05 | | U | | 1.05 | | U | |
| POTASSIUM | ***436.00*** | | | | ***497.00*** | | | | ***521.00*** | | | | ***602.00*** | | | | ***643.00*** | | | |
| SELENIUM | 2.00 | | U | | 2.00 | | UJ | B,*2 | 2.00 | | UJ | *2 | 2.35 | | U | | 2.35 | | U | |
| SILVER | 0.55 | | U | | 0.55 | | U | | 0.55 | | U | | 1.05 | | U | | 1.05 | | U | |
| SODIUM | ***4160.00*** | | | | ***5300.00*** | | | | ***5120.00*** | | | | ***5120.00*** | | | | ***5010.00*** | | | |
| THALLIUM | 3.00 | | U | | 3.00 | | UJ | B,*2 | 3.00 | | UJ | *2 | 3.15 | | U | | 3.15 | | U | |
| VANADIUM | 0.60 | | U | | 0.60 | | U | | 0.60 | | U | | 0.80 | | U | | 0.80 | | U | |
| ZINC | 5.15 | | UJ | B | 4.70 | | UJ | B | 8.40 | | UJ | B | ***6.40*** | | ***J*** | ***F*** | ***10.30*** | | ***J*** | ***F*** |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | W12SSA | | | | W14SSA | | | | W14SSL | | | | W27SSA | | | | W27SSL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W12SSA | | | | W14SSA | | | | W14SSL | | | | W27SSA | | | | W27SSL | | | |
| Date Sampled | 11/6/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/21/97 | | | | 11/21/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***IM40HG (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| MERCURY | 0.05 | | U | | 0.05 | | U | | ***0.13*** | | | | 0.05 | | UJ | B | 0.05 | | UJ | B |
| ***350.2M (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| NITROGEN, AMMONIA (AS N) | 0.01 | | UJ | R | 0.01 | | UJ | R,*2 | | | | | 0.01 | | UJ | *2 | | | | |
| ***353.2M (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| NITRATE/NITRITE (AS N) | ***0.04*** | | ***J*** | ***F*** | 0.01 | | U | | | | | | 0.01 | | U | | | | | |
| ***365.2 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| PHOSPHORUS, TOTAL ORTHOP | ***0.01*** | | ***J*** | ***R*** | 0.01 | | UJ | R | | | | | 0.01 | | UJ | R | | | | |
| ***CYAN (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| CYANIDE | 2.50 | | U | | 2.50 | | U | | | | | | 2.50 | | U | | | | | |

OEES Technical Information Systems ROEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/IIG

| EPA NO | W9703A | | | | W9703L | | | | WL23XA | | | | WL23XL | | | | WL71XA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W9703A | | | | W9703L | | | | WL23XA | | | | WL23XL | | | | WL71XA | | | |
| Date Sampled | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | |
| Depth | . | | | | . | | | | . | | | | . | | | | . | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *IM40 (UG/L)* | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | 6.15 | | U | | *1370.00* | | | | 12.75 | | UJ | B | 6.15 | | U | | 12.00 | | UJ | B |
| ANTIMONY | 1.75 | | U | | 1.75 | | U | | 1.75 | | U | | 1.75 | | U | | 1.75 | | U | |
| ARSENIC | 1.80 | | UJ | B,*2 | 1.80 | | UJ | B,*2 | 1.80 | | UJ | B,*2 | 1.80 | | UJ | B,*2 | 1.80 | | UJ | B,*2 |
| BARIUM | 2.10 | | U | | *5.60* | | *J* | **10* | 2.10 | | U | | 2.10 | | U | | *5.20* | | *J* | **10* |
| BERYLLIUM | 0.05 | | U | | *0.11* | | *J* | **10* | 0.05 | | U | | 0.05 | | U | | 0.05 | | U | |
| CADMIUM | 0.15 | | U | | 0.15 | | U | | 0.15 | | U | | 0.15 | | U | | *1.20* | | | |
| CALCIUM | *2430.00* | | | | *2310.00* | | | | *1960.00* | | | | *1940.00* | | | | *1790.00* | | | |
| CHROMIUM, TOTAL | 0.55 | | U | | *2.30* | | | | 0.55 | | U | | 0.55 | | U | | 0.55 | | U | |
| COBALT | 0.85 | | U | | 0.85 | | U | | 0.85 | | U | | 0.85 | | U | | 0.85 | | U | |
| COPPER | 1.15 | | U | | *2.50* | | *J* | **10* | 1.15 | | U | | 1.15 | | U | | 1.15 | | U | |
| IRON | 12.80 | | U | | *1740.00* | | | | *41.00* | | *J* | **10* | *29.90* | | *J* | **10* | *2610.00* | | | |
| LEAD | 0.90 | | U | | 0.90 | | U | | 0.90 | | U | | 0.90 | | U | | 0.90 | | U | |
| MAGNESIUM | *1470.00* | | | | *1730.00* | | | | *1120.00* | | | | *1080.00* | | | | *1210.00* | | | |
| MANGANESE | *1.90* | | | | *19.40* | | | | *4.90* | | | | *1.50* | | | | *64.90* | | | |
| NICKEL | 1.05 | | U | | 1.05 | | U | | 1.05 | | U | | 1.05 | | U | | *3.20* | | *J* | **10* |
| POTASSIUM | *865.00* | | | | *984.00* | | | | *674.00* | | | | *659.00* | | | | *573.00* | | | |
| SELENIUM | 2.35 | | U | | 2.35 | | U | | 2.35 | | U | | 2.35 | | U | | 2.35 | | U | |
| SILVER | 1.05 | | U | | 1.05 | | U | | 1.05 | | U | | 1.05 | | U | | 1.05 | | U | |
| SODIUM | *11900.00* | | | | *11300.00* | | | | *5510.00* | | | | *5400.00* | | | | *7180.00* | | | |
| THALLIUM | 3.15 | | U | | 3.15 | | U | | 3.15 | | U | | 3.15 | | U | | 3.15 | | U | |
| VANADIUM | 0.80 | | U | | *2.40* | | *J* | **10* | 0.80 | | U | | 0.80 | | U | | 0.80 | | U | |
| ZINC | *12.10* | | *J* | *F* | *13.50* | | *J* | *F* | *5.00* | | *J* | *F,*10* | *32.50* | | | | *4320.00* | | | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | W9703A | | | | W9703L | | | | WL23XA | | | | WL23XL | | | | WL71XA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W9703A | | | | W9703L | | | | WL23XA | | | | WL23XL | | | | WL71XA | | | |
| Date Sampled | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***IM40HG (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| MERCURY | 0.05 | | UJ | B | 0.05 | | UJ | B | 0.05 | | UJ | B | 0.05 | | UJ | B | 0.05 | | UJ | B |
| ***350.2M (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| NITROGEN, AMMONIA (AS N) | 0.01 | | UJ | *2 | | | | | 0.01 | | UJ | *2 | | | | | 0.01 | | UJ | *2 |
| ***353.2M (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| NITRATE/NITRITE (AS N) | ***0.44*** | | | | | | | | ***0.03*** | | ***J*** | ***F*** | | | | | ***0.01*** | | ***J*** | ***F*** |
| ***365.2 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| PHOSPHORUS, TOTAL ORTHOP | ***0.03*** | | ***J*** | ***R*** | | | | | ***0.03*** | | ***J*** | ***R*** | | | | | ***0.02*** | | ***J*** | ***R*** |
| ***CYAN (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| CYANIDE | 2.50 | | U | | | | | | 2.50 | | U | | | | | | 2.50 | | U | |

OEES Technical Information Systems ROEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | WL71XL | | | | ? | | | | ? | | | | ? | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | WL71XL | | | | | | | | | | | | | | | | | | | |
| Date Sampled | 11/21/97 | | | | | | | | | | | | | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *IM40 (UG/L)* | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | 6.15 | | U | | | | | | | | | | | | | | | | | |
| ANTIMONY | 1.75 | | U | | | | | | | | | | | | | | | | | |
| ARSENIC | 1.80 | | UJ | B,*2 | | | | | | | | | | | | | | | | |
| BARIUM | *5.00* | | *J* | **10* | | | | | | | | | | | | | | | | |
| BERYLLIUM | 0.05 | | U | | | | | | | | | | | | | | | | | |
| CADMIUM | *1.30* | | | | | | | | | | | | | | | | | | | |
| CALCIUM | *1790.00* | | | | | | | | | | | | | | | | | | | |
| CHROMIUM, TOTAL | 0.55 | | U | | | | | | | | | | | | | | | | | |
| COBALT | 0.85 | | U | | | | | | | | | | | | | | | | | |
| COPPER | 1.15 | | U | | | | | | | | | | | | | | | | | |
| IRON | *328.00* | | | | | | | | | | | | | | | | | | | |
| LEAD | 0.90 | | U | | | | | | | | | | | | | | | | | |
| MAGNESIUM | *1170.00* | | | | | | | | | | | | | | | | | | | |
| MANGANESE | *44.40* | | | | | | | | | | | | | | | | | | | |
| NICKEL | *2.50* | | *J* | **10* | | | | | | | | | | | | | | | | |
| POTASSIUM | *536.00* | | | | | | | | | | | | | | | | | | | |
| SELENIUM | 2.35 | | U | | | | | | | | | | | | | | | | | |
| SILVER | 1.05 | | U | | | | | | | | | | | | | | | | | |
| SODIUM | *6980.00* | | | | | | | | | | | | | | | | | | | |
| THALLIUM | 3.15 | | U | | | | | | | | | | | | | | | | | |
| VANADIUM | 0.80 | | U | | | | | | | | | | | | | | | | | |
| ZINC | *3750.00* | | | | | | | | | | | | | | | | | | | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP C: Wate Data for Methods 350.2M, 353M, 365.2, CYAN, IM40, and IM40-MB/HG

| EPA NO | WL71XL | | | | ? | | | | ? | | | | ? | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | WL71XL | | | | | | | | | | | | | | | | | | | |
| Date Sampled | 11/21/97 | | | | | | | | | | | | | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***IM40HG (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| MERCURY | 0.05 | | UJ | B | | | | | | | | | | | | | | | | |
| ***350.2M (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| NITROGEN, AMMONIA (AS N) | | | | | | | | | | | | | | | | | | | | |
| ***353.2M (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| NITRATE/NITRITE (AS N) | | | | | | | | | | | | | | | | | | | | |
| ***365.2 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| PHOSPHORUS, TOTAL ORTHOP | | | | | | | | | | | | | | | | | | | | |
| ***CYAN (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| CYANIDE | | | | | | | | | | | | | | | | | | | | |

OEES Technical Information Systems RGEN Ver. 24

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP D: Soil Data for Methods 8021S and OM31V

| :PA NO | B41CBA | | | | B41EAA | | | | S02DBA | | | | S09DBA | | | | S13DAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| )GDEN ID | B41CBA | | | | B41EAA | | | | S02DBA | | | | S09DBA | | | | S13DAA | | | |
| )ate Sampled | 11/4/97 | | | | 11/4/97 | | | | 11/21/97 | | | | 11/20/97 | | | | 11/21/97 | | | |
| )epth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *)M31V (UG/KG)* | | | | | | | | | | | | | | | | | | | | |
| CHLOROMETHANE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | UJ | C | 14.00 | | R | D |
| BROMOMETHANE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| VINYL CHLORIDE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| CHLOROETHANE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| METHYLENE CHLORIDE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | ***4.00*** | | ***J*** | | 14.00 | | R | D |
| ACETONE | ***18.00*** | | ***J*** | ***C*** | ***32.00*** | | ***J*** | ***C*** | 12.00 | | UJ | B,C,H | 10.00 | | U | | 30.00 | | R | D |
| CARBON DISULFIDE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| 1,1-DICHLOROETHENE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| 1,1-DICHLOROETHANE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| TOTAL 1,2-DICHLOROETHENE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| CHLOROFORM | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| 1,2-DICHLOROETHANE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| METHYL ETHYL KETONE (2-BU | 11.00 | | UJ | C | 12.00 | | UJ | C | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| 1,1,1-TRICHLOROETHANE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| CARBON TETRACHLORIDE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| BROMODICHLOROMETHANE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| 1,2-DICHLOROPROPANE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| CIS-1,3-DICHLOROPROPENE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| TRICHLOROETHYLENE (TCE) | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| DIBROMOCHLOROMETHANE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| 1,1,2-TRICHLOROETHANE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| BENZENE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| TRANS-1,3-DICHLOROPROPEN | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| BROMOFORM | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| METHYL ISOBUTYL KETONE (4 | 11.00 | | UJ | C | 12.00 | | UJ | C | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP D: Soil Data for Methods 8021S and OM31V

| EPA NO | B41CBA | | | | B41EAA | | | | S02DBA | | | | S09DBA | | | | S13DAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41CBA | | | | B41EAA | | | | S02DBA | | | | S09DBA | | | | S13DAA | | | |
| Date Sampled | 11/4/97 | | | | 11/4/97 | | | | 11/21/97 | | | | 11/20/97 | | | | 11/21/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OM31V (UG/KG) Continued*** | | | | | | | | | | | | | | | | | | | | |
| 2-HEXANONE | 11.00 | | UJ | C | 12.00 | | UJ | C | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| TETRACHLOROETHYLENE(PCE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| 1,1,2,2-TETRACHLOROETHANE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| TOLUENE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| CHLOROBENZENE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| ETHYLBENZENE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| STYRENE | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| XYLENES, TOTAL | 11.00 | | U | | 12.00 | | U | | 12.00 | | UJ | H | 10.00 | | U | | 14.00 | | R | D |
| ***8021S (UG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| 1,2-DIBROMOETHANE (ETHYLE | | | | | | | | | 0.57 | | U | | 0.51 | | UJ | C | 0.69 | | UJ | S |
| TERT-BUTYL METHYL ETHER | | | | | | | | | 0.57 | | U | | 0.51 | | U | | 0.69 | | UJ | C,S |

OEES Technical Information System ROEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP D: Soil Data for Methods 8021S and OM31V

| EPA NO | S13DAARE | | | | S13DAD | | | | S13DADRE | | | | S25DBA | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S13DAA | | | | S13DAD | | | | | | | | S25DBA | | | | | | | |
| Date Sampled | | | | | 11/21/97 | | | | | | | | 11/20/97 | | | | | | | |
| Depth | ? | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *OM31V (UG/KG)* | | | | | | | | | | | | | | | | | | | | |
| CHLOROMETHANE | 14.00 | | UJ | C | 13.00 | | UJ | C | | | | | 12.00 | | UJ | C | | | | |
| BROMOMETHANE | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| VINYL CHLORIDE | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| CHLOROETHANE | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| METHYLENE CHLORIDE | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| ACETONE | 17.00 | | UJ | B | 13.00 | | U | B | | | | | 12.00 | | U | | | | | |
| CARBON DISULFIDE | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| 1,1-DICHLOROETHENE | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| 1,1-DICHLOROETHANE | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| TOTAL 1,2-DICHLOROETHENE | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| CHLOROFORM | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| 1,2-DICHLOROETHANE | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| METHYL ETHYL KETONE (2-BU | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| 1,1,1-TRICHLOROETHANE | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| CARBON TETRACHLORIDE | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| BROMODICHLOROMETHANE | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| 1,2-DICHLOROPROPANE | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| CIS-1,3-DICHLOROPROPENE | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| TRICHLOROETHYLENE (TCE) | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| DIBROMOCHLOROMETHANE | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| 1,1,2-TRICHLOROETHANE | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| BENZENE | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| TRANS-1,3-DICHLOROPROPEN | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| BROMOFORM | 14.00 | | U | | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| METHYL ISOBUTYL KETONE (4 | 14.00 | | UJ | I | 13.00 | | U | | | | | | 12.00 | | U | | | | | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP D: Soil Data for Methods 8021S and OM31V

| EPA NO | S13DAARE | | | | S13DAD | | | | S13DADRE | | | | S25DBA | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S13DAA | | | | S13DAD | | | | S13DAD | | | | S25DBA | | | | | | | |
| Date Sampled | | | | | 11/21/97 | | | | | | | | 11/20/97 | | | | | | | |
| Depth | ? | | | | | | | | ? | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OM31V (UG/KG) Continued*** | | | | | | | | | | | | | | | | | | | | |
| 2-HEXANONE | 14.00 | | UJ | I | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| TETRACHLOROETHYLENE(PCE | 14.00 | | UJ | I | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| 1,1,2,2-TETRACHLOROETHANE | 14.00 | | UJ | I | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| TOLUENE | 14.00 | | UJ | I | ***4.00*** | | ***J*** | | | | | | 12.00 | | U | | | | | |
| CHLOROBENZENE | 14.00 | | UJ | I | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| ETHYLBENZENE | 14.00 | | UJ | I | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| STYRENE | 14.00 | | UJ | I | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| XYLENES, TOTAL | 14.00 | | UJ | I | 13.00 | | U | | | | | | 12.00 | | U | | | | | |
| ***8021S (UG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| 1,2-DIBROMOETHANE (ETHYLE | 0.68 | | R | D | 0.72 | | UJ | S | 0.72 | | R | D | 0.61 | | U | | | | | |
| TERT-BUTYL METHYL ETHER | 0.68 | | R | D | 0.72 | | UJ | C,S | 0.72 | | R | D | 0.61 | | UJ | C | | | | |

OEES Technical Information Systems RGEN Ver. 24

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP E: Soil Data for Methods OM31B

| EPA NO | B41BAA | | | | B41BBA | | | | B41CAA | | | | B41CBA | | | | B41DAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41BAA | | | | B41BBA | | | | B41CAA | | | | B41CBA | | | | B41DAA | | | |
| Date Sampled | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *OM31B (UG/KG)* | | | | | | | | | | | | | | | | | | | | |
| PHENOL | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| BIS(2-CHLOROETHYL) ETHER ( | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 2-CHLOROPHENOL | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 1,3-DICHLOROBENZENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 1,4-DICHLOROBENZENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 1,2-DICHLOROBENZENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 2-METHYLPHENOL (O-CRESOL) | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 2,2'-OXYBIS(1-CHLORO)PROPA | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 4-METHYLPHENOL (P-CRESOL) | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| N-NITROSODI-N-PROPYLAMIN | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| HEXACHLOROETHANE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| NITROBENZENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| ISOPHORONE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 2-NITROPHENOL | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 2,4-DIMETHYLPHENOL | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| BIS(2-CHLOROETHOXY) METH | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 2,4-DICHLOROPHENOL | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 1,2,4-TRICHLOROBENZENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| NAPHTHALENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 4-CHLOROANILINE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| HEXACHLOROBUTADIENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 4-CHLORO-3-METHYLPHENOL | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 2-METHYLNAPHTHALENE | 400.00 | | UJ | C | 390.00 | | UJ | C | 370.00 | | UJ | C | 370.00 | | UJ | C | 370.00 | | UJ | C |
| HEXACHLOROCYCLOPENTADI | 400.00 | | UJ | C | 390.00 | | UJ | C | 370.00 | | UJ | C | 370.00 | | UJ | C | 370.00 | | UJ | C |
| 2,4,6-TRICHLOROPHENOL | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP E: Soil Data for Methods OM31B

| EPA NO | B41BAA | | | | B41BBA | | | | B41CAA | | | | B41CBA | | | | B41DAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41BAA | | | | B41BBA | | | | B41CAA | | | | B41CBA | | | | B41DAA | | | |
| Date Sampled | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OM31B (UG/KG) Continued*** | | | | | | | | | | | | | | | | | | | | |
| 2,4,5-TRICHLOROPHENOL | 1000.00 | | U | | 980.00 | | U | | 920.00 | | U | | 920.00 | | U | | 930.00 | | U | |
| 2-CHLORONAPHTHALENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 2-NITROANILINE | 1000.00 | | U | | 980.00 | | U | | 920.00 | | U | | 920.00 | | U | | 930.00 | | U | |
| DIMETHYL PHTHALATE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| ACENAPHTHYLENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 2,6-DINITROTOLUENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 3-NITROANILINE | 1000.00 | | UJ | C | 980.00 | | UJ | C | 920.00 | | UJ | C | 920.00 | | UJ | C | 930.00 | | UJ | C |
| ACENAPHTHENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 2,4-DINITROPHENOL | 1000.00 | | U | | 980.00 | | U | | 920.00 | | U | | 920.00 | | U | | 930.00 | | U | |
| 4-NITROPHENOL | 1000.00 | | U | | 980.00 | | U | | 920.00 | | U | | 920.00 | | U | | 930.00 | | U | |
| DIBENZOFURAN | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 2,4-DINITROTOLUENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| DIETHYL PHTHALATE | 400.00 | | U | B | 390.00 | | U | B | 370.00 | | U | B | 370.00 | | U | B | 370.00 | | U | B |
| 4-CHLOROPHENYL PHENYL ET | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| FLUORENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 4-NITROANILINE | 1000.00 | | UJ | C | 980.00 | | UJ | C | 920.00 | | UJ | C | 920.00 | | UJ | C | 930.00 | | UJ | C |
| 4,6-DINITRO-2-METHYLPHENO | 1000.00 | | U | | 980.00 | | U | | 920.00 | | U | | 920.00 | | U | | 930.00 | | U | |
| N-NITROSODIPHENYLAMINE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 4-BROMOPHENYL PHENYL ET | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| HEXACHLOROBENZENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| PENTACHLOROPHENOL | 1000.00 | | U | | 980.00 | | U | | 920.00 | | U | | 920.00 | | U | | 930.00 | | U | |
| PHENANTHRENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| ANTHRACENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| CARBAZOLE | 400.00 | | UJ | C | 390.00 | | UJ | C | 370.00 | | UJ | C | 370.00 | | UJ | C | 370.00 | | UJ | C |
| DI-N-BUTYL PHTHALATE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |

OEES Technical Information Systems RGEN Ver. 24

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP E: Soil Data for Methods OM31B

| EPA NO | B41BAA | | | | B41BBA | | | | B41CAA | | | | B41CBA | | | | B41DAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41BAA | | | | B41BBA | | | | B41CAA | | | | B41CBA | | | | B41DAA | | | |
| Date Sampled | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OM31B (UG/KG) Continued*** | | | | | | | | | | | | | | | | | | | | |
| FLUORANTHENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| PYRENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| BENZYL BUTYL PHTHALATE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| 3,3'-DICHLOROBENZIDINE | 400.00 | | UJ | C | 390.00 | | UJ | C | 370.00 | | UJ | C | 370.00 | | UJ | C | 370.00 | | UJ | C |
| BENZO(A)ANTHRACENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| CHRYSENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| BIS(2-ETHYLHEXYL) PHTHALA | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| DI-N-OCTYLPHTHALATE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| BENZO(B)FLUORANTHENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| BENZO(K)FLUORANTHENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| BENZO(A)PYRENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| INDENO(1,2,3-C,D)PYRENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| DIBENZ(A,H)ANTHRACENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |
| BENZO(G,H,I)PERYLENE | 400.00 | | U | | 390.00 | | U | | 370.00 | | U | | 370.00 | | U | | 370.00 | | U | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP E: Soil Data for Methods OM31B

| EPA NO | B41DBA | | | | B41EAA | | | | B41EBA | | | | B41FAA | | | | B41FBA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41DBA | | | | B41EAA | | | | B41EBA | | | | B41FAA | | | | B41FBA | | | |
| Date Sampled | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/5/97 | | | | 11/5/97 | | | |
| Depth | . | | | | . | | | | . | | | | . | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *OM31B (UG/KG)* | | | | | | | | | | | | | | | | | | | | |
| PHENOL | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| BIS(2-CHLOROETHYL) ETHER ( | 360.00 | | U | | 430.00 | | UJ | C | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 2-CHLOROPHENOL | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 1,3-DICHLOROBENZENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 1,4-DICHLOROBENZENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 1,2-DICHLOROBENZENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 2-METHYLPHENOL (O-CRESOL) | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 2,2'-OXYBIS(1-CHLORO)PROPA | 360.00 | | U | | 430.00 | | UJ | C | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 4-METHYLPHENOL (P-CRESOL) | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| N-NITROSODI-N-PROPYLAMIN | 360.00 | | U | | 430.00 | | UJ | C | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| HEXACHLOROETHANE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| NITROBENZENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| ISOPHORONE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 2-NITROPHENOL | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 2,4-DIMETHYLPHENOL | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| BIS(2-CHLOROETHOXY) METH | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 2,4-DICHLOROPHENOL | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 1,2,4-TRICHLOROBENZENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| NAPHTHALENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 4-CHLOROANILINE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| HEXACHLOROBUTADIENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 4-CHLORO-3-METHYLPHENOL | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 2-METHYLNAPHTHALENE | 360.00 | | UJ | C | 430.00 | | U | | 390.00 | | UJ | C | 390.00 | | U | | 370.00 | | UJ | C |
| HEXACHLOROCYCLOPENTADI | 360.00 | | UJ | C | 430.00 | | UJ | C | 390.00 | | UJ | C | 390.00 | | U | | 370.00 | | UJ | C |
| 2,4,6-TRICHLOROPHENOL | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP E: Soil Data for Methods OM31B

| EPA NO | B41DBA | | | | B41EAA | | | | B41EBA | | | | B41FAA | | | | B41FBA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41DBA | | | | B41EAA | | | | B41EBA | | | | B41FAA | | | | B41FBA | | | |
| Date Sampled | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/5/97 | | | | 11/5/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *OM31B (UG/KG) Continued* | | | | | | | | | | | | | | | | | | | | |
| 2,4,5-TRICHLOROPHENOL | 910.00 | | U | | 1100.00 | | U | | 990.00 | | U | | 980.00 | | U | | 930.00 | | U | |
| 2-CHLORONAPHTHALENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 2-NITROANILINE | 910.00 | | U | | 1100.00 | | UJ | C | 990.00 | | U | | 980.00 | | U | | 930.00 | | U | |
| DIMETHYL PHTHALATE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| ACENAPHTHYLENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 2,6-DINITROTOLUENE | 360.00 | | U | | 430.00 | | UJ | C | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 3-NITROANILINE | 910.00 | | UJ | C | 1100.00 | | U | | 990.00 | | UJ | C | 980.00 | | U | | 930.00 | | UJ | C |
| ACENAPHTHENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 2,4-DINITROPHENOL | 910.00 | | U | | 1100.00 | | U | | 990.00 | | U | | 980.00 | | U | | 930.00 | | U | |
| 4-NITROPHENOL | 910.00 | | U | | 1100.00 | | U | | 990.00 | | U | | 980.00 | | U | | 930.00 | | U | |
| DIBENZOFURAN | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 2,4-DINITROTOLUENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| DIETHYL PHTHALATE | 360.00 | | U | B | 430.00 | | U | B | 390.00 | | U | B | 390.00 | | U | B | 370.00 | | U | B |
| 4-CHLOROPHENYL PHENYL ET | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| FLUORENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 4-NITROANILINE | 910.00 | | UJ | C | 1100.00 | | U | | 990.00 | | UJ | C | 980.00 | | U | | 930.00 | | UJ | C |
| 4,6-DINITRO-2-METHYLPHENO | 910.00 | | U | | 1100.00 | | U | | 990.00 | | U | | 980.00 | | U | | 930.00 | | U | |
| N-NITROSODIPHENYLAMINE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 4-BROMOPHENYL PHENYL ET | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| HEXACHLOROBENZENE | 360.00 | | U | | 430.00 | | UJ | C | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| PENTACHLOROPHENOL | 910.00 | | U | | 1100.00 | | U | | 990.00 | | U | | 980.00 | | U | | 930.00 | | U | |
| PHENANTHRENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| ANTHRACENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| CARBAZOLE | 360.00 | | UJ | C | 430.00 | | U | | 390.00 | | UJ | C | 390.00 | | U | | 370.00 | | UJ | C |
| DI-N-BUTYL PHTHALATE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |

OEES Technical Information Systems RGEN Ver. 2g

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP E: Soil Data for Methods OM31B

| EPA NO | B41DBA | | | | B41EAA | | | | B41EBA | | | | B41FAA | | | | B41FBA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41DBA | | | | B41EAA | | | | B41EBA | | | | B41FAA | | | | B41FBA | | | |
| Date Sampled | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/5/97 | | | | 11/5/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OM31B (UG/KG) Continued*** | | | | | | | | | | | | | | | | | | | | |
| FLUORANTHENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| PYRENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| BENZYL BUTYL PHTHALATE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| 3,3'-DICHLOROBENZIDINE | 360.00 | | UJ | C | 430.00 | | U | | 390.00 | | UJ | C | 390.00 | | U | | 370.00 | | UJ | C |
| BENZO(A)ANTHRACENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| CHRYSENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| BIS(2-ETHYLHEXYL) PHTHALA | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| DI-N-OCTYLPHTHALATE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| BENZO(B)FLUORANTHENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| BENZO(K)FLUORANTHENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| BENZO(A)PYRENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| INDENO(1,2,3-C,D)PYRENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| DIBENZ(A,H)ANTHRACENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |
| BENZO(G,H,I)PERYLENE | 360.00 | | U | | 430.00 | | U | | 390.00 | | U | | 390.00 | | U | | 370.00 | | U | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP E: Soil Data for Methods OM31B

| EPA NO | B41GAA | | | | B41GBA | | | | B41HAA | | | | B41HBA | | | | B41IAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41GAA | | | | B41GBA | | | | B41HAA | | | | B41HBA | | | | B41IAA | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OM31B (UG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| PHENOL | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| BIS(2-CHLOROETHYL) ETHER ( | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 2-CHLOROPHENOL | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 1,3-DICHLOROBENZENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 1,4-DICHLOROBENZENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 1,2-DICHLOROBENZENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 2-METHYLPHENOL (O-CRESOL) | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 2,2'-OXYBIS(1-CHLORO)PROPA | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 4-METHYLPHENOL (P-CRESOL) | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| N-NITROSODI-N-PROPYLAMIN | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| HEXACHLOROETHANE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| NITROBENZENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | UJ | C | 400.00 | | UJ | C |
| ISOPHORONE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 2-NITROPHENOL | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 2,4-DIMETHYLPHENOL | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| BIS(2-CHLOROETHOXY) METH | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 2,4-DICHLOROPHENOL | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 1,2,4-TRICHLOROBENZENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| NAPHTHALENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 4-CHLOROANILINE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| HEXACHLOROBUTADIENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 4-CHLORO-3-METHYLPHENOL | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 2-METHYLNAPHTHALENE | 390.00 | | UJ | C | 380.00 | | UJ | C | 410.00 | | UJ | C | 390.00 | | U | | 400.00 | | U | |
| HEXACHLOROCYCLOPENTADI | 390.00 | | UJ | C | 380.00 | | UJ | C | 410.00 | | UJ | C | 390.00 | | UJ | C | 400.00 | | UJ | C |
| 2,4,6-TRICHLOROPHENOL | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |

OEES Technical Information System RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP E: Soil Data for Methods OM31B

| EPA NO | B41GAA | | | | B41GBA | | | | B41HAA | | | | B41HBA | | | | B41IAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41GAA | | | | B41GBA | | | | B41HAA | | | | B41HBA | | | | B41IAA | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OM31B (UG/KG) Continued*** | | | | | | | | | | | | | | | | | | | | |
| 2,4,5-TRICHLOROPHENOL | 970.00 | | U | | 950.00 | | U | | 1000.00 | | U | | 990.00 | | U | | 1000.00 | | U | |
| 2-CHLORONAPHTHALENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 2-NITROANILINE | 970.00 | | U | | 950.00 | | U | | 1000.00 | | U | | 990.00 | | UJ | C | 1000.00 | | UJ | C |
| DIMETHYL PHTHALATE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| ACENAPHTHYLENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 2,6-DINITROTOLUENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 3-NITROANILINE | 970.00 | | UJ | C | 950.00 | | UJ | C | 1000.00 | | UJ | C | 990.00 | | U | | 1000.00 | | U | |
| ACENAPHTHENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 2,4-DINITROPHENOL | 970.00 | | U | | 950.00 | | U | | 1000.00 | | U | | 990.00 | | UJ | C | 1000.00 | | UJ | C |
| 4-NITROPHENOL | 970.00 | | U | | 950.00 | | U | | 1000.00 | | U | | 990.00 | | UJ | C | 1000.00 | | UJ | C |
| DIBENZOFURAN | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 2,4-DINITROTOLUENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| DIETHYL PHTHALATE | 390.00 | | U | B | 380.00 | | U | B | 410.00 | | U | B | 390.00 | | U | | 400.00 | | U | |
| 4-CHLOROPHENYL PHENYL ET | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| FLUORENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 4-NITROANILINE | 970.00 | | UJ | C | 950.00 | | UJ | C | 1000.00 | | UJ | C | 990.00 | | U | | 1000.00 | | U | |
| 4,6-DINITRO-2-METHYLPHENO | 970.00 | | U | | 950.00 | | U | | 1000.00 | | U | | 990.00 | | U | | 1000.00 | | U | |
| N-NITROSODIPHENYLAMINE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 4-BROMOPHENYL PHENYL ET | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| HEXACHLOROBENZENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| PENTACHLOROPHENOL | 970.00 | | U | | 950.00 | | U | | 1000.00 | | U | | 990.00 | | UJ | C | 1000.00 | | UJ | C |
| PHENANTHRENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| ANTHRACENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| CARBAZOLE | 390.00 | | UJ | C | 380.00 | | UJ | C | 410.00 | | UJ | C | 390.00 | | U | | 400.00 | | U | |
| DI-N-BUTYL PHTHALATE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP E: Soil Data for Methods OM31B

| :PA NO | B41GAA | | | | B41GBA | | | | B41HAA | | | | B41HBA | | | | B41IAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| )GDEN ID | B41GAA | | | | B41GBA | | | | B41HAA | | | | B41HBA | | | | B41IAA | | | |
| )ate Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | |
| )epth | | | | | | | | | | | | | | | | | | | | |
| *lethod* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***)M31B (UG/KG) Continued*** | | | | | | | | | | | | | | | | | | | | |
| FLUORANTHENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| PYRENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| BENZYL BUTYL PHTHALATE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| 3,3'-DICHLOROBENZIDINE | 390.00 | | UJ | C | 380.00 | | UJ | C | 410.00 | | UJ | C | 390.00 | | U | | 400.00 | | U | |
| BENZO(A)ANTHRACENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| CHRYSENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| BIS(2-ETHYLHEXYL) PHTHALA | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| DI-N-OCTYLPHTHALATE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| BENZO(B)FLUORANTHENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| BENZO(K)FLUORANTHENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| BENZO(A)PYRENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| INDENO(1,2,3-C,D)PYRENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| DIBENZ(A,H)ANTHRACENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |
| BENZO(G,H,I)PERYLENE | 390.00 | | U | | 380.00 | | U | | 410.00 | | U | | 390.00 | | U | | 400.00 | | U | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP E: Soil Data for Methods OM31B

| EPA NO | B41HBA | | | | B41JAA | | | | S01DBA | | | | S13DAA | | | | S13DAARE | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41HBA | | | | B41JAA | | | | S01DBA | | | | S13DAA | | | | S13DAA | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/20/97 | | | | 11/21/97 | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | ? | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *OM31B (UG/KG)* | | | | | | | | | | | | | | | | | | | | |
| PHENOL | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| BIS(2-CHLOROETHYL) ETHER ( | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 2-CHLOROPHENOL | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 1,3-DICHLOROBENZENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 1,4-DICHLOROBENZENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 1,2-DICHLOROBENZENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 2-METHYLPHENOL (O-CRESOL) | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 2,2'-OXYBIS(1-CHLORO)PROPA | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 4-METHYLPHENOL (P-CRESOL) | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| N-NITROSODI-N-PROPYLAMIN | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| HEXACHLOROETHANE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| NITROBENZENE | 370.00 | | UJ | C | 390.00 | | UJ | C | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| ISOPHORONE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 2-NITROPHENOL | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 2,4-DIMETHYLPHENOL | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| BIS(2-CHLOROETHOXY) METH | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 2,4-DICHLOROPHENOL | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 1,2,4-TRICHLOROBENZENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| NAPHTHALENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 4-CHLOROANILINE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| HEXACHLOROBUTADIENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 4-CHLORO-3-METHYLPHENOL | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 2-METHYLNAPHTHALENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| HEXACHLOROCYCLOPENTADI | 370.00 | | UJ | C | 390.00 | | UJ | C | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 2,4,6-TRICHLOROPHENOL | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP E: Soil Data for Methods OM31B

| EPA NO | B41IBA | | | | B41JAA | | | | S01DBA | | | | S13DAA | | | | S13DAARE | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41IBA | | | | B41JAA | | | | S01DBA | | | | S13DAA | | | | S13DAA | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/20/97 | | | | 11/21/97 | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | ? | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *OM31B (UG/KG) Continued* | | | | | | | | | | | | | | | | | | | | |
| 2,4,5-TRICHLOROPHENOL | 920.00 | | U | | 990.00 | | U | | 960.00 | | U | | 1200.00 | | R | D | 1200.00 | | U | |
| 2-CHLORONAPHTHALENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 2-NITROANILINE | 920.00 | | UJ | C | 990.00 | | UJ | C | 960.00 | | U | | 1200.00 | | R | D | 1200.00 | | U | |
| DIMETHYL PHTHALATE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| ACENAPHTHYLENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 2,6-DINITROTOLUENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 3-NITROANILINE | 920.00 | | U | | 990.00 | | U | | 960.00 | | U | | 1200.00 | | R | D | 1200.00 | | U | |
| ACENAPHTHENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 2,4-DINITROPHENOL | 920.00 | | UJ | C | 990.00 | | UJ | C | 960.00 | | U | | 1200.00 | | R | D | 1200.00 | | U | |
| 4-NITROPHENOL | 920.00 | | UJ | C | 990.00 | | UJ | C | 960.00 | | U | | 1200.00 | | R | D | 1200.00 | | U | |
| DIBENZOFURAN | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 2,4-DINITROTOLUENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| DIETHYL PHTHALATE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 4-CHLOROPHENYL PHENYL ET | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| FLUORENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 4-NITROANILINE | 920.00 | | U | | 990.00 | | U | | 960.00 | | U | | 1200.00 | | R | D | 1200.00 | | U | |
| 4,6-DINITRO-2-METHYLPHENO | 920.00 | | U | | 990.00 | | U | | 960.00 | | U | | 1200.00 | | R | D | 1200.00 | | U | |
| N-NITROSODIPHENYLAMINE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 4-BROMOPHENYL PHENYL ET | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| HEXACHLOROBENZENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| PENTACHLOROPHENOL | 920.00 | | UJ | C | 990.00 | | UJ | C | 960.00 | | U | | 1200.00 | | R | D | 1200.00 | | U | |
| PHENANTHRENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| ANTHRACENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| CARBAZOLE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| DI-N-BUTYL PHTHALATE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP E: Soil Data for Methods OM31B

| EPA NO | B41IBA | | | | B41JAA | | | | S01DBA | | | | S13DAA | | | | S13DAARE | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41IBA | | | | B41JAA | | | | S01DBA | | | | S13DAA | | | | S13DAA | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/20/97 | | | | 11/21/97 | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | ? | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OM31B (UG/KG) Continued*** | | | | | | | | | | | | | | | | | | | | |
| FLUORANTHENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| PYRENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| BENZYL BUTYL PHTHALATE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| 3,3'-DICHLOROBENZIDINE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| BENZO(A)ANTHRACENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| CHRYSENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| BIS(2-ETHYLHEXYL) PHTHALA | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| DI-N-OCTYLPHTHALATE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| BENZO(B)FLUORANTHENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| BENZO(K)FLUORANTHENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| BENZO(A)PYRENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| INDENO(1,2,3-C,D)PYRENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| DIBENZ(A,H)ANTHRACENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |
| BENZO(G,H,I)PERYLENE | 370.00 | | U | | 390.00 | | U | | 380.00 | | U | | 460.00 | | R | D | 460.00 | | U | |

OEES Technical Information Systems ROEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP E: Soil Data for Methods OM31B

| EPA NO | S13DAD | | | | S13DADRE | | | | S25DBA | | | | S27DBA | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S13DAD | | | | S13DAD | | | | S25DBA | | | | S27DBA | | | | | | | |
| Date Sampled | 11/21/97 | | | | | | | | 11/20/97 | | | | 11/20/97 | | | | | | | |
| Depth | | | | | ? | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OM31B (UG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| PHENOL | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| BIS(2-CHLOROETHYL) ETHER ( | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 2-CHLOROPHENOL | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 1,3-DICHLOROBENZENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 1,4-DICHLOROBENZENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 1,2-DICHLOROBENZENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 2-METHYLPHENOL (O-CRESOL) | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 2,2'-OXYBIS(1-CHLORO)PROPA | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 4-METHYLPHENOL (P-CRESOL) | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| N-NITROSODI-N-PROPYLAMIN | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| HEXACHLOROETHANE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| NITROBENZENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| ISOPHORONE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 2-NITROPHENOL | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 2,4-DIMETHYLPHENOL | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| BIS(2-CHLOROETHOXY) METH | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 2,4-DICHLOROPHENOL | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 1,2,4-TRICHLOROBENZENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| NAPHTHALENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 4-CHLOROANILINE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| HEXACHLOROBUTADIENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 4-CHLORO-3-METHYLPHENOL | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 2-METHYLNAPHTHALENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| HEXACHLOROCYCLOPENTADI | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 2,4,6-TRICHLOROPHENOL | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP E: Soil Data for Methods OM31B

| EPA NO | S13DAD | | | | S13DADRE | | | | S25DBA | | | | S27DBA | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S13DAD | | | | S13DAD | | | | S25DBA | | | | S27DBA | | | | | | | |
| Date Sampled | 11/21/97 | | | | | | | | 11/20/97 | | | | 11/20/97 | | | | | | | |
| Depth | | | | | ? | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OM31B (UG/KG) Continued*** | | | | | | | | | | | | | | | | | | | | |
| 2,4,5-TRICHLOROPHENOL | 1200.00 | | R | D | 1200.00 | | U | | 1000.00 | | U | | 950.00 | | U | | | | | |
| 2-CHLORONAPHTHALENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 2-NITROANILINE | 1200.00 | | R | D | 1200.00 | | U | | 1000.00 | | U | | 950.00 | | U | | | | | |
| DIMETHYL PHTHALATE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| ACENAPHTHYLENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 2,6-DINITROTOLUENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 3-NITROANILINE | 1200.00 | | R | D | 1200.00 | | U | | 1000.00 | | U | | 950.00 | | U | | | | | |
| ACENAPHTHENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 2,4-DINITROPHENOL | 1200.00 | | R | D | 1200.00 | | U | | 1000.00 | | U | | 950.00 | | U | | | | | |
| 4-NITROPHENOL | 1200.00 | | R | D | 1200.00 | | U | | 1000.00 | | U | | 950.00 | | U | | | | | |
| DIBENZOFURAN | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 2,4-DINITROTOLUENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| DIETHYL PHTHALATE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 4-CHLOROPHENYL PHENYL ET | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| FLUORENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 4-NITROANILINE | 1200.00 | | R | D | 1200.00 | | U | | 1000.00 | | U | | 950.00 | | U | | | | | |
| 4,6-DINITRO-2-METHYLPHENO | 1200.00 | | R | D | 1200.00 | | U | | 1000.00 | | U | | 950.00 | | U | | | | | |
| N-NITROSODIPHENYLAMINE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 4-BROMOPHENYL PHENYL ET | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| HEXACHLOROBENZENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| PENTACHLOROPHENOL | 1200.00 | | R | D | 1200.00 | | U | | 1000.00 | | U | | 950.00 | | U | | | | | |
| PHENANTHRENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| ANTHRACENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| CARBAZOLE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| DI-N-BUTYL PHTHALATE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |

OEES Technical Information Systems ROEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP E: Soil Data for Methods OM31B

| EPA NO | S13DAD | | | | S13DADRE | | | | S25DBA | | | | S27DBA | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S13DAD | | | | S13DAD | | | | S25DBA | | | | S27DBA | | | | | | | |
| Date Sampled | 11/21/97 | | | | | | | | 11/20/97 | | | | 11/20/97 | | | | | | | |
| Depth | | | | | ? | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OM31B (UG/KG) Continued*** | | | | | | | | | | | | | | | | | | | | |
| FLUORANTHENE | 480.00 | | R | D | ***32.00*** | | ***J*** | | 400.00 | | U | | 380.00 | | U | | | | | |
| PYRENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| BENZYL BUTYL PHTHALATE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| 3,3'-DICHLOROBENZIDINE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| BENZO(A)ANTHRACENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| CHRYSENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| BIS(2-ETHYLHEXYL) PHTHALA | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| DI-N-OCTYLPHTHALATE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| BENZO(B)FLUORANTHENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| BENZO(K)FLUORANTHENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| BENZO(A)PYRENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| INDENO(1,2,3-C,D)PYRENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| DIBENZ(A,H)ANTHRACENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |
| BENZO(G,H,I)PERYLENE | 480.00 | | R | D | 480.00 | | U | | 400.00 | | U | | 380.00 | | U | | | | | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP F: Water Data for Methods OC21B

| EPA NO | W06SSA | | | | W06SSD | | | | W10DDA | | | | W10SSA | | | | W10SSD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W06SSA | | | | W06SSD | | | | W10DDA | | | | W10SSA | | | | W10SSD | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/6/97 | | | | 11/6/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *OC21B (UG/L)* | | | | | | | | | | | | | | | | | | | | |
| PHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| BIS(2-CHLOROETHYL) ETHER ( | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2-CHLOROPHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 1,3-DICHLOROBENZENE | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 |
| 1,4-DICHLOROBENZENE | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 |
| 1,2-DICHLOROBENZENE | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 |
| 2-METHYLPHENOL (O-CRESOL) | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2,2'-OXYBIS(1-CHLORO)PROPA | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 4-METHYLPHENOL (P-CRESOL) | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| N-NITROSODI-N-PROPYLAMIN | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| HEXACHLOROETHANE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| NITROBENZENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| ISOPHORONE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2-NITROPHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2,4-DIMETHYLPHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| BIS(2-CHLOROETHOXY) METH | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2,4-DICHLOROPHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 1,2,4-TRICHLOROBENZENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| NAPHTHALENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 4-CHLOROANILINE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| HEXACHLOROBUTADIENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 4-CHLORO-3-METHYLPHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2-METHYLNAPHTHALENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| HEXACHLOROCYCLOPENTADI | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2,4,6-TRICHLOROPHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP F: Water Data for Methods OC21B

| EPA NO | W06SSA | | | | W06SSD | | | | W10DDA | | | | W10SSA | | | | W10SSD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W06SSA | | | | W06SSD | | | | W10DDA | | | | W10SSA | | | | W10SSD | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/6/97 | | | | 11/6/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OC21B (UG/L) Continued*** | | | | | | | | | | | | | | | | | | | | |
| 2,4,5-TRICHLOROPHENOL | 20.00 | | U | | 20.00 | | U | | 20.00 | | U | | 21.00 | | U | | 20.00 | | U | |
| 2-CHLORONAPHTHALENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2-NITROANILINE | 20.00 | | U | | 20.00 | | U | | 20.00 | | U | | 21.00 | | U | | 20.00 | | U | |
| DIMETHYL PHTHALATE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| ACENAPHTHYLENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2,6-DINITROTOLUENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 3-NITROANILINE | 20.00 | | U | | 20.00 | | U | | 20.00 | | U | | 21.00 | | U | | 20.00 | | U | |
| ACENAPHTHENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2,4-DINITROPHENOL | 20.00 | | U | | 20.00 | | U | | 20.00 | | U | | 21.00 | | U | | 20.00 | | U | |
| 4-NITROPHENOL | 20.00 | | U | | 20.00 | | U | | 20.00 | | U | | 21.00 | | U | | 20.00 | | U | |
| DIBENZOFURAN | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2,4-DINITROTOLUENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| DIETHYL PHTHALATE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| FLUORENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 4-CHLOROPHENYL PHENYL ET | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 4-NITROANILINE | 20.00 | | U | | 20.00 | | U | | 20.00 | | U | | 21.00 | | U | | 20.00 | | U | |
| 4,6-DINITRO-2-METHYLPHENO | 20.00 | | U | | 20.00 | | U | | 20.00 | | U | | 21.00 | | U | | 20.00 | | U | |
| N-NITROSODIPHENYLAMINE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 4-BROMOPHENYL PHENYL ET | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| HEXACHLOROBENZENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| PENTACHLOROPHENOL | 20.00 | | U | | 20.00 | | U | | 20.00 | | U | | 21.00 | | U | | 20.00 | | U | |
| PHENANTHRENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| ANTHRACENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| CARBAZOLE | 5.00 | | UJ | C | 5.00 | | UJ | C | 5.00 | | UJ | C | 5.00 | | UJ | C | 5.00 | | UJ | C |
| DI-N-BUTYL PHTHALATE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |

OEES Technical Information Systems ROEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP F: Water Data for Methods OC21B

| EPA NO | W06SSA | | | | W06SSD | | | | W10DDA | | | | W10SSA | | | | W10SSD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W06SSA | | | | W06SSD | | | | W10DDA | | | | W10SSA | | | | W10SSD | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/6/97 | | | | 11/6/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OC21B (UG/L) Continued*** | | | | | | | | | | | | | | | | | | | | |
| FLUORANTHENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| PYRENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| BENZYL BUTYL PHTHALATE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 3,3'-DICHLOROBENZIDINE | 5.00 | | UJ | C | 5.00 | | UJ | C | 5.00 | | U | | 5.00 | | UJ | C | 5.00 | | UJ | C |
| BENZO(A)ANTHRACENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| CHRYSENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| BIS(2-ETHYLHEXYL) PHTHALA | ***3.00*** | | ***J*** | | ***1.00*** | | ***J*** | | ***1.00*** | | ***J*** | | 5.00 | | U | | 5.00 | | U | |
| DI-N-OCTYLPHTHALATE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| BENZO(B)FLUORANTHENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| BENZO(K)FLUORANTHENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| BENZO(A)PYRENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| INDENO(1,2,3-C,D)PYRENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| DIBENZ(A,H)ANTHRACENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| BENZO(G,H,I)PERYLENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP F: Water Data for Methods OC21B

| EPA NO | W11SSA | | | | W11SSD | | | | W12SSA | | | | W14SSA | | | | W27SSA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W11SSA | | | | W11SSD | | | | W12SSA | | | | W14SSA | | | | W27SSA | | | |
| Date Sampled | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | | 11/4/97 | | | | 11/21/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OC21B (UG/L)*** | | | | | | | | | | | | | | | | | | | | |
| PHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| BIS(2-CHLOROETHYL) ETHER ( | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2-CHLOROPHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 1,3-DICHLOROBENZENE | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 |
| 1,4-DICHLOROBENZENE | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 |
| 1,2-DICHLOROBENZENE | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 |
| 2-METHYLPHENOL (O-CRESOL) | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2,2'-OXYBIS(1-CHLORO)PROPA | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 4-METHYLPHENOL (P-CRESOL) | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| N-NITROSODI-N-PROPYLAMIN | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| HEXACHLOROETHANE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| NITROBENZENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| ISOPHORONE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2-NITROPHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2,4-DIMETHYLPHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| BIS(2-CHLOROETHOXY) METH | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2,4-DICHLOROPHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 1,2,4-TRICHLOROBENZENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| NAPHTHALENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 4-CHLOROANILINE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| HEXACHLOROBUTADIENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 4-CHLORO-3-METHYLPHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2-METHYLNAPHTHALENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| HEXACHLOROCYCLOPENTADI | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2,4,6-TRICHLOROPHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |

OEES Technical Information Systems ROEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98



## GROUP F: Water Data for Methods OC21B

| :PA NO | W11SSA | | | | W11SSD | | | | W12SSA | | | | W14SSA | | | | W27SSA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| )GDEN ID | W11SSA | | | | W11SSD | | | | W12SSA | | | | W14SSA | | | | W27SSA | | | |
| )ate Sampled | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | | 11/4/97 | | | | 11/21/97 | | | |
| )epth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *)C21B (UG/L) Continued* | | | | | | | | | | | | | | | | | | | | |
| 2,4,5-TRICHLOROPHENOL | 20.00 | | U | | 20.00 | | U | | 21.00 | | U | | 20.00 | | U | | 20.00 | | U | |
| 2-CHLORONAPHTHALENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2-NITROANILINE | 20.00 | | U | | 20.00 | | U | | 21.00 | | U | | 20.00 | | U | | 20.00 | | U | |
| DIMETHYL PHTHALATE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| ACENAPHTHYLENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2,6-DINITROTOLUENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 3-NITROANILINE | 20.00 | | U | | 20.00 | | U | | 21.00 | | U | | 20.00 | | U | | 20.00 | | U | |
| ACENAPHTHENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2,4-DINITROPHENOL | 20.00 | | U | | 20.00 | | U | | 21.00 | | U | | 20.00 | | U | | 20.00 | | U | |
| 4-NITROPHENOL | 20.00 | | U | | 20.00 | | U | | 21.00 | | U | | 20.00 | | U | | 20.00 | | U | |
| DIBENZOFURAN | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 2,4-DINITROTOLUENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| DIETHYL PHTHALATE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| FLUORENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 4-CHLOROPHENYL PHENYL ET | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 4-NITROANILINE | 20.00 | | U | | 20.00 | | U | | 21.00 | | U | | 20.00 | | U | | 20.00 | | U | |
| 4,6-DINITRO-2-METHYLPHENO | 20.00 | | U | | 20.00 | | U | | 21.00 | | U | | 20.00 | | U | | 20.00 | | U | |
| N-NITROSODIPHENYLAMINE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 4-BROMOPHENYL PHENYL ET | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| HEXACHLOROBENZENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| PENTACHLOROPHENOL | 20.00 | | U | | 20.00 | | U | | 21.00 | | U | | 20.00 | | U | | 20.00 | | U | |
| PHENANTHRENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| ANTHRACENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| CARBAZOLE | 5.00 | | UJ | C | 5.00 | | UJ | C | 5.00 | | UJ | C | 5.00 | | UJ | C | 5.00 | | U | |
| DI-N-BUTYL PHTHALATE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP F: Water Data for Methods OC21B

| EPA NO | W11SSA | | | | W11SSD | | | | W12SSA | | | | W14SSA | | | | W27SSA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W11SSA | | | | W11SSD | | | | W12SSA | | | | W14SSA | | | | W27SSA | | | |
| Date Sampled | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | | 11/4/97 | | | | 11/21/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OC21B (UG/L) Continued*** | | | | | | | | | | | | | | | | | | | | |
| FLUORANTHENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| PYRENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| BENZYL BUTYL PHTHALATE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| 3,3'-DICHLOROBENZIDINE | 5.00 | | UJ | C | 5.00 | | U | | 5.00 | | UJ | C | 5.00 | | U | | 5.00 | | U | |
| BENZO(A)ANTHRACENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| CHRYSENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| BIS(2-ETHYLHEXYL) PHTHALA | ***33.00*** | | ***J*** | ****8*** | ***23.00*** | | ***J*** | ****8*** | ***28.00*** | | | | ***14.00*** | | | | 5.00 | | U | |
| DI-N-OCTYLPHTHALATE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| BENZO(B)FLUORANTHENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| BENZO(K)FLUORANTHENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| BENZO(A)PYRENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| INDENO(1,2,3-C,D)PYRENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| DIBENZ(A,H)ANTHRACENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |
| BENZO(G,H,I)PERYLENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | |

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP F: Water Data for Methods OC21B

| EPA NO | W9703A | | | | WL23XA | | | | WL71XA | | | | ? | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W9703A | | | | WL23XA | | | | WL71XA | | | | | | | | | | | |
| Date Sampled | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | | | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *OC21B (UG/L)* | | | | | | | | | | | | | | | | | | | | |
| PHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| BIS(2-CHLOROETHYL) ETHER ( | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 2-CHLOROPHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 1,3-DICHLOROBENZENE | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 | | | | | | | | |
| 1,4-DICHLOROBENZENE | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 | | | | | | | | |
| 1,2-DICHLOROBENZENE | 5.00 | | R | *10 | 5.00 | | R | *10 | 5.00 | | R | *10 | | | | | | | | |
| 2-METHYLPHENOL (O-CRESOL) | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 2,2'-OXYBIS(1-CHLORO)PROPA | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 4-METHYLPHENOL (P-CRESOL) | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| N-NITROSODI-N-PROPYLAMIN | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| HEXACHLOROETHANE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| NITROBENZENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| ISOPHORONE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 2-NITROPHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 2,4-DIMETHYLPHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| BIS(2-CHLOROETHOXY) METH | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 2,4-DICHLOROPHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 1,2,4-TRICHLOROBENZENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| NAPHTHALENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 4-CHLOROANILINE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| HEXACHLOROBUTADIENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 4-CHLORO-3-METHYLPHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 2-METHYLNAPHTHALENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| HEXACHLOROCYCLOPENTADI | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 2,4,6-TRICHLOROPHENOL | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP F: Water Data for Methods OC21B

| EPA NO | W9703A | | | | WL23XA | | | | WL71XA | | | | ? | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W9703A | | | | WL23XA | | | | WL71XA | | | | | | | | | | | |
| Date Sampled | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | | | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OC21B (UG/L) Continued*** | | | | | | | | | | | | | | | | | | | | |
| 2,4,5-TRICHLOROPHENOL | 20.00 | | U | | 20.00 | | U | | 20.00 | | U | | | | | | | | | |
| 2-CHLORONAPHTHALENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 2-NITROANILINE | 20.00 | | U | | 20.00 | | U | | 20.00 | | U | | | | | | | | | |
| DIMETHYL PHTHALATE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| ACENAPHTHYLENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 2,6-DINITROTOLUENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 3-NITROANILINE | 20.00 | | U | | 20.00 | | U | | 20.00 | | U | | | | | | | | | |
| ACENAPHTHENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 2,4-DINITROPHENOL | 20.00 | | U | | 20.00 | | U | | 20.00 | | U | | | | | | | | | |
| 4-NITROPHENOL | 20.00 | | U | | 20.00 | | U | | 20.00 | | U | | | | | | | | | |
| DIBENZOFURAN | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 2,4-DINITROTOLUENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| DIETHYL PHTHALATE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| FLUORENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 4-CHLOROPHENYL PHENYL ET | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 4-NITROANILINE | 20.00 | | U | | 20.00 | | U | | 20.00 | | U | | | | | | | | | |
| 4,6-DINITRO-2-METHYLPHENO | 20.00 | | U | | 20.00 | | U | | 20.00 | | U | | | | | | | | | |
| N-NITROSODIPHENYLAMINE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 4-BROMOPHENYL PHENYL ET | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| HEXACHLOROBENZENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| PENTACHLOROPHENOL | 20.00 | | U | | 20.00 | | U | | 20.00 | | U | | | | | | | | | |
| PHENANTHRENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| ANTHRACENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| CARBAZOLE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| DI-N-BUTYL PHTHALATE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98



## GROUP F: Water Data for Methods OC21B

| EPA NO | W9703A | | | | WL23XA | | | | WL71XA | | | | ? | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W9703A | | | | WL23XA | | | | WL71XA | | | | | | | | | | | |
| Date Sampled | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | | | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OC21B (UG/L) Continued*** | | | | | | | | | | | | | | | | | | | | |
| FLUORANTHENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| PYRENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| BENZYL BUTYL PHTHALATE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| 3,3'-DICHLOROBENZIDINE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| BENZO(A)ANTHRACENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| CHRYSENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| BIS(2-ETHYLHEXYL) PHTHALA | ***73.00*** | | ***J*** | ***F*** | ***20.00*** | | ***J*** | ***F*** | ***1.00*** | | ***J*** | ***F*** | | | | | | | | |
| DI-N-OCTYLPHTHALATE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| BENZO(B)FLUORANTHENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| BENZO(K)FLUORANTHENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| BENZO(A)PYRENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| INDENO(1,2,3-C,D)PYRENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| DIBENZ(A,H)ANTHRACENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |
| BENZO(G,H,I)PERYLENE | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |

OEES Technical Information System ROEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP G: Soil Data for Methods 8330, 8330N, 8515, and CRRSCT

| EPA NO | B03ABA | | | | B03BBA | | | | B03CBA | | | | B03DBA | | | | S01DBA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B03ABA | | | | B03BBA | | | | B03CBA | | | | B03DBA | | | | S01DBA | | | |
| Date Sampled | 11/7/97 | | | | 11/7/97 | | | | 11/7/97 | | | | 11/7/97 | | | | 11/20/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *8330N (UG/KG)* | | | | | | | | | | | | | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | 120.00 | | U | | | | | | | | | | | | | | | | | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 120.00 | | U | | | | | | | | | | | | | | | | | |
| 1,3,5-TRINITROBENZENE | 120.00 | | U | | | | | | | | | | | | | | | | | |
| 1,3-DINITROBENZENE | 120.00 | | U | | | | | | | | | | | | | | | | | |
| TETRYL | 120.00 | | U | | | | | | | | | | | | | | | | | |
| NITROBENZENE | 120.00 | | U | | | | | | | | | | | | | | | | | |
| 2,4,6-TRINITROTOLUENE | 120.00 | | U | | | | | | | | | | | | | | | | | |
| 4-AMINO-2,6-DINITROTOLUENE | 120.00 | | U | | | | | | | | | | | | | | | | | |
| 2-AMINO-4,6-DINITROTOLUENE | 120.00 | | U | | | | | | | | | | | | | | | | | |
| 2,6-DINITROTOLUENE | 120.00 | | U | | | | | | | | | | | | | | | | | |
| 2,4-DINITROTOLUENE | 120.00 | | U | | | | | | | | | | | | | | | | | |
| PICRIC ACID | 120.00 | | U | | | | | | | | | | | | | | | | | |
| 2-NITROTOLUENE | 120.00 | | U | | | | | | | | | | | | | | | | | |
| 4-NITROTOLUENE | 120.00 | | U | | | | | | | | | | | | | | | | | |
| 3-NITROTOLUENE | 120.00 | | U | | | | | | | | | | | | | | | | | |
| 2,6-DIAMINO-4-NITROTOLUENE | 250.00 | | U | | | | | | | | | | | | | | | | | |
| 2,4-DIAMINO-6-NITORTOLUENE | 120.00 | | U | | | | | | | | | | | | | | | | | |
| PENTAERYTHRITOL TETRANIT | 5000.00 | | UJ | C | | | | | | | | | | | | | | | | |
| NITROGLYCERIN | 2500.00 | | UJ | C | | | | | | | | | | | | | | | | |
| *8515 (MG/KG)* | | | | | | | | | | | | | | | | | | | | |
| HMX/RDX | *1.40* | | | | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | |

OEES Technical Information Systems RGEN Ver. 2q

D:\MMR\PROGRAMS\GRP_G.DB (95 of 95 records) 04/07/98 18:43.0 read by mlboyajian

F:\CLEAN\MMR\COC.DB (2096 records) 04/01/98 12:16.1

<PRG table not selected>

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP G: Soil Data for Methods 8330, 8330N, 8515, and CRRSCT

| EPA NO | B03ABA | | | | B03BBA | | | | B03CBA | | | | B03DBA | | | | S01DBA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B03ABA | | | | B03BBA | | | | B03CBA | | | | B03DBA | | | | S01DBA | | | |
| Date Sampled | 11/7/97 | | | | 11/7/97 | | | | 11/7/97 | | | | 11/7/97 | | | | 11/20/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***CRRSCT (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| TNT/DNT | ***0.83*** | | ***J*** | | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | |

OEES Technical Information Systems ROEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98



## GROUP G: Soil Data for Methods 8330, 8330N, 8515, and CRRSCT

| EPA NO | S05DBA | | | | S06DBA | | | | S07DBA | | | | S08DBA | | | | S09DBA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S05DBA | | | | S06DBA | | | | S07DBA | | | | S08DBA | | | | S09DBA | | | |
| Date Sampled | 11/20/97 | | | | 11/20/97 | | | | 11/20/97 | | | | 11/20/97 | | | | 11/20/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *8330N (UG/KG)* | | | | | | | | | | | | | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | | | | | | | | | | | | | 120.00 | | U | | | | | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | | | | | | | | | | | | | 120.00 | | U | | | | | |
| 1,3,5-TRINITROBENZENE | | | | | | | | | | | | | 120.00 | | U | | | | | |
| 1,3-DINITROBENZENE | | | | | | | | | | | | | 120.00 | | U | | | | | |
| TETRYL | | | | | | | | | | | | | 120.00 | | U | | | | | |
| NITROBENZENE | | | | | | | | | | | | | 120.00 | | U | | | | | |
| 2,4,6-TRINITROTOLUENE | | | | | | | | | | | | | 120.00 | | U | | | | | |
| 4-AMINO-2,6-DINITROTOLUENE | | | | | | | | | | | | | 120.00 | | U | | | | | |
| 2-AMINO-4,6-DINITROTOLUENE | | | | | | | | | | | | | 120.00 | | U | | | | | |
| 2,6-DINITROTOLUENE | | | | | | | | | | | | | 120.00 | | U | | | | | |
| 2,4-DINITROTOLUENE | | | | | | | | | | | | | 120.00 | | U | | | | | |
| PICRIC ACID | | | | | | | | | | | | | 120.00 | | U | | | | | |
| 2-NITROTOLUENE | | | | | | | | | | | | | 120.00 | | U | | | | | |
| 4-NITROTOLUENE | | | | | | | | | | | | | 120.00 | | U | | | | | |
| 3-NITROTOLUENE | | | | | | | | | | | | | 120.00 | | U | | | | | |
| 2,6-DIAMINO-4-NITROTOLUENE | | | | | | | | | | | | | 250.00 | | U | | | | | |
| 2,4-DIAMINO-6-NITORTOLUENE | | | | | | | | | | | | | 120.00 | | U | | | | | |
| PENTAERYTHRITOL TETRANIT | | | | | | | | | | | | | 5000.00 | | U | | | | | |
| NITROGLYCERIN | | | | | | | | | | | | | 2500.00 | | U | | | | | |
| *8515 (MG/KG)* | | | | | | | | | | | | | | | | | | | | |
| HMX/RDX | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP G: Soil Data for Methods 8330, 8330N, 8515, and CRRSCT

| EPA NO | S05DBA | | | | S06DBA | | | | S07DBA | | | | S08DBA | | | | S09DBA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S05DBA | | | | S06DBA | | | | S07DBA | | | | S08DBA | | | | S09DBA | | | |
| Date Sampled | 11/20/97 | | | | 11/20/97 | | | | 11/20/97 | | | | 11/20/97 | | | | 11/20/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***CRRSCT (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| TNT/DNT | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | | *0.67* | | *J* | | 1.00 | | U | |

OEES Technical Information Systems RGEN Ver. 24

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP G: Soil Data for Methods 8330, 8330N, 8515, and CRRSCT

| EPA NO | S12DBA | | | | S13DAA | | | | S13DAD | | | | S13DBA | | | | S14DBA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S12DBA | | | | S13DAA | | | | S13DAD | | | | S13DBA | | | | S14DBA | | | |
| Date Sampled | 11/20/97 | | | | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | | 11/20/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *8330N (UG/KG)* | | | | | | | | | | | | | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | | | | | 120.00 | | U | | | | | | | | | | | | | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | | | | | 120.00 | | U | | | | | | | | | | | | | |
| 1,3,5-TRINITROBENZENE | | | | | 120.00 | | U | | | | | | | | | | | | | |
| 1,3-DINITROBENZENE | | | | | 120.00 | | U | | | | | | | | | | | | | |
| TETRYL | | | | | 120.00 | | U | | | | | | | | | | | | | |
| NITROBENZENE | | | | | 120.00 | | U | | | | | | | | | | | | | |
| 2,4,6-TRINITROTOLUENE | | | | | 120.00 | | U | | | | | | | | | | | | | |
| 4-AMINO-2,6-DINITROTOLUENE | | | | | 120.00 | | U | | | | | | | | | | | | | |
| 2-AMINO-4,6-DINITROTOLUENE | | | | | 120.00 | | U | | | | | | | | | | | | | |
| 2,6-DINITROTOLUENE | | | | | 120.00 | | U | | | | | | | | | | | | | |
| 2,4-DINITROTOLUENE | | | | | 120.00 | | U | | | | | | | | | | | | | |
| PICRIC ACID | | | | | 120.00 | | U | | | | | | | | | | | | | |
| 2-NITROTOLUENE | | | | | 120.00 | | U | | | | | | | | | | | | | |
| 4-NITROTOLUENE | | | | | 120.00 | | U | | | | | | | | | | | | | |
| 3-NITROTOLUENE | | | | | 120.00 | | U | | | | | | | | | | | | | |
| 2,6-DIAMINO-4-NITROTOLUENE | | | | | 120.00 | | U | | | | | | | | | | | | | |
| 2,4-DIAMINO-6-NITORTOLUENE | | | | | 120.00 | | U | | | | | | | | | | | | | |
| PENTAERYTHRITOL TETRANIT | | | | | 5000.00 | | U | | | | | | | | | | | | | |
| NITROGLYCERIN | | | | | 2500.00 | | U | | | | | | | | | | | | | |
| *8515 (MG/KG)* | | | | | | | | | | | | | | | | | | | | |
| HMX/RDX | 1.00 | | UJ | II | 1.00 | | U | | 1.00 | | U | | 1.00 | | UJ | II | 1.00 | | U | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP G: Soil Data for Methods 8330, 8330N, 8515, and CRRSCT

| EPA NO | S12DBA | | | | S13DAA | | | | S13DAD | | | | S13DBA | | | | S14DBA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S12DBA | | | | S13DAA | | | | S13DAD | | | | S13DBA | | | | S14DBA | | | |
| Date Sampled | 11/20/97 | | | | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | | 11/20/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***CRRSCT (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| TNT/DNT | 1.00 | | UJ | H | ***1.10*** | | | | 1.00 | | U | | 1.00 | | UJ | H | 1.00 | | U | |

OEES Technical Information Systems ROEN Ver. 24

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP G: Soil Data for Methods 8330, 8330N, 8515, and CRRSCT

| EPA NO | S15DBA | | | | S25DBA | | | | S27DBA | | | | S29DBA | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S15DBA | | | | S25DBA | | | | S27DBA | | | | S29DBA | | | | | | | |
| Date Sampled | 11/20/97 | | | | 11/20/97 | | | | 11/20/97 | | | | 11/20/97 | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *8330N (UG/KG)* | | | | | | | | | | | | | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | | | | | | | | | | | | | | | | | | | | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | | | | | | | | | | | | | | | | | | | | |
| 1,3,5-TRINITROBENZENE | | | | | | | | | | | | | | | | | | | | |
| 1,3-DINITROBENZENE | | | | | | | | | | | | | | | | | | | | |
| TETRYL | | | | | | | | | | | | | | | | | | | | |
| NITROBENZENE | | | | | | | | | | | | | | | | | | | | |
| 2,4,6-TRINITROTOLUENE | | | | | | | | | | | | | | | | | | | | |
| 4-AMINO-2,6-DINITROTOLUENE | | | | | | | | | | | | | | | | | | | | |
| 2-AMINO-4,6-DINITROTOLUENE | | | | | | | | | | | | | | | | | | | | |
| 2,6-DINITROTOLUENE | | | | | | | | | | | | | | | | | | | | |
| 2,4-DINITROTOLUENE | | | | | | | | | | | | | | | | | | | | |
| PICRIC ACID | | | | | | | | | | | | | | | | | | | | |
| 2-NITROTOLUENE | | | | | | | | | | | | | | | | | | | | |
| 4-NITROTOLUENE | | | | | | | | | | | | | | | | | | | | |
| 3-NITROTOLUENE | | | | | | | | | | | | | | | | | | | | |
| 2,6-DIAMINO-4-NITROTOLUENE | | | | | | | | | | | | | | | | | | | | |
| 2,4-DIAMINO-6-NITORTOLUENE | | | | | | | | | | | | | | | | | | | | |
| PENTAERYTHRITOL TETRANIT | | | | | | | | | | | | | | | | | | | | |
| NITROGLYCERIN | | | | | | | | | | | | | | | | | | | | |
| *8515 (MG/KG)* | | | | | | | | | | | | | | | | | | | | |
| HMX/RDX | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | | 1.00 | | UJ | H | | | | |

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP G: Soil Data for Methods 8330, 8330N, 8515, and CRRSCT

| EPA NO | S15DBA | | | | S25DBA | | | | S27DBA | | | | S29DBA | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S15DBA | | | | S25DBA | | | | S27DBA | | | | S29DBA | | | | | | | |
| Date Sampled | 11/20/97 | | | | 11/20/97 | | | | 11/20/97 | | | | 11/20/97 | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***CRRSCT (MG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| TNT/DNT | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | | 1.00 | | UJ | H | | | | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP II: Water Data for Methods 130.2, 300.0, 310.1, IM40HD and TOC

| EPA NO | W04SSL | | | | W06SDL | | | | W06SSA | | | | W06SSD | | | | W06SSL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W04SSL | | | | W06SDL | | | | W06SSA | | | | W06SSD | | | | W06SSL | | | |
| Date Sampled | 11/4/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***130.2 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| HARDNESS (AS CACO3) | ***12.00*** | | | | ***13.00*** | | | | ***13.00*** | | | | ***14.00*** | | | | ***14.00*** | | | |
| ***IM40HD (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| HARDNESS (AS CACO3) | 40.00 | | U | | 40.00 | | U | | 40.00 | | U | | 40.00 | | U | | 40.00 | | U | |
| ***300.0 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| CHLORIDE (AS CL) | | | | | | | | | ***7.90*** | | | | ***8.00*** | | | | | | | |
| SULFATE (AS SO4) | | | | | | | | | ***4.50*** | | | | ***4.40*** | | | | | | | |
| ***310.1 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| ALKALINITY, BICARBONATE ( | | | | | | | | | ***11.00*** | | | | ***12.00*** | | | | | | | |
| ALKALINITY, CARBONATE (AS | | | | | | | | | 0.00 | | U | | 0.00 | | U | | | | | |
| ALKALINITY, HYDROXIDE (AS | | | | | | | | | 0.00 | | U | | 0.00 | | U | | | | | |
| ALKALINITY, TOTAL (AS CACO | | | | | | | | | ***11.00*** | | | | ***12.00*** | | | | | | | |
| ***TOC (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| TOTAL ORGANIC CARBON | | | | | | | | | 0.50 | | U | | 0.50 | | U | | | | | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP H: Water Data for Methods 130.2, 300.0, 310.1, IM40HD and TOC

| EPA NO | W10DDA | | | | W10DDL | | | | W10SDL | | | | W10SSA | | | | W10SSD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W10DDA | | | | W10DDL | | | | W10SDL | | | | W10SSA | | | | W10SSD | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***130.2 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| HARDNESS (AS CACO3) | ***23.00*** | | | | ***23.00*** | | | | | | | | ***16.00*** | | | | ***15.00*** | | | |
| ***IM40HD (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| HARDNESS (AS CACO3) | 40.00 | | U | | 40.00 | | U | | 40.00 | | U | | 40.00 | | U | | 40.00 | | U | |
| ***300.0 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| CHLORIDE (AS CL) | ***7.30*** | | | | | | | | | | | | ***8.60*** | | | | ***8.60*** | | | |
| SULFATE (AS SO4) | ***13.00*** | | | | | | | | | | | | ***4.60*** | | | | ***4.50*** | | | |
| ***310.1 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| ALKALINITY, BICARBONATE ( | ***16.00*** | | | | | | | | | | | | ***10.00*** | | | | ***11.50*** | | | |
| ALKALINITY, CARBONATE (AS | 0.00 | | U | | | | | | | | | | 0.00 | | U | | 0.00 | | U | |
| ALKALINITY, HYDROXIDE (AS | 0.00 | | U | | | | | | | | | | 0.00 | | U | | 0.00 | | U | |
| ALKALINITY, TOTAL (AS CACO | ***16.00*** | | | | | | | | | | | | ***10.00*** | | | | ***11.50*** | | | |
| ***TOC (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| TOTAL ORGANIC CARBON | 0.50 | | U | | | | | | | | | | ***0.70*** | | *J* | *F* | ***0.60*** | | *J* | *F* |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP II: Water Data for Methods 130.2, 300.0, 310.1, IM40HD and TOC

| EPA NO | W10SSL | | | | W11SDL | | | | W11SSA | | | | W11SSD | | | | W11SSL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W10SSL | | | | W11SDL | | | | W11SSA | | | | W11SSD | | | | W11SSL | | | |
| Date Sampled | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***130.2 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| HARDNESS (AS CACO3) | | | | | | | | | ***15.00*** | | | | ***12.00*** | | | | | | | |
| ***IM40HD (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| HARDNESS (AS CACO3) | 40.00 | | U | | 40.00 | | U | | 40.00 | | U | | 40.00 | | U | | 40.00 | | R | |
| ***300.0 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| CHLORIDE (AS CL) | | | | | | | | | ***10.30*** | | | | ***10.40*** | | | | | | | |
| SULFATE (AS SO4) | | | | | | | | | ***4.40*** | | | | ***4.40*** | | | | | | | |
| ***310.1 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| ALKALINITY, BICARBONATE ( | | | | | | | | | 1.00 | | U | | ***9.00*** | | | | | | | |
| ALKALINITY, CARBONATE (AS | | | | | | | | | 0.00 | | U | | 0.00 | | U | | | | | |
| ALKALINITY, HYDROXIDE (AS | | | | | | | | | 0.00 | | U | | 0.00 | | U | | | | | |
| ALKALINITY, TOTAL (AS CACO | | | | | | | | | 1.00 | | U | | ***9.00*** | | | | | | | |
| ***TOC (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| TOTAL ORGANIC CARBON | | | | | | | | | ***0.60*** | | *J* | *F* | ***0.70*** | | *J* | *F* | | | | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP II: Water Data for Methods 130.2, 300.0, 310.1, IM40HD and TOC

| EPA NO | W12SSA | | | | W14SSA | | | | W14SSL | | | | W27SSA | | | | W27SSL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W12SSA | | | | W14SSA | | | | W14SSL | | | | W27SSA | | | | W27SSL | | | |
| Date Sampled | 11/6/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/21/97 | | | | 11/21/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***130.2 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| HARDNESS (AS CACO3) | ***11.00*** | | | | ***11.00*** | | | | ***11.00*** | | | | ***12.00*** | | | | ***12.00*** | | | |
| ***IM40HD (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| HARDNESS (AS CACO3) | 40.00 | | U | | 40.00 | | U | | 40.00 | | U | | 40.00 | | U | | 40.00 | | U | |
| ***300.0 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| CHLORIDE (AS CL) | ***7.40*** | | | | ***8.10*** | | | | | | | | ***8.20*** | | | | | | | |
| SULFATE (AS SO4) | ***3.90*** | | | | ***5.90*** | | | | | | | | ***4.10*** | | | | | | | |
| ***310.1 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| ALKALINITY, BICARBONATE ( | ***3.50*** | | | | ***6.00*** | | | | | | | | ***9.00*** | | | | | | | |
| ALKALINITY, CARBONATE (AS | 0.00 | | U | | 0.00 | | U | | | | | | 1.00 | | U | | | | | |
| ALKALINITY, HYDROXIDE (AS | 0.00 | | U | | 0.00 | | U | | | | | | 1.00 | | U | | | | | |
| ALKALINITY, TOTAL (AS CACO | ***3.50*** | | | | ***6.00*** | | | | | | | | ***9.00*** | | | | | | | |
| ***TOC (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| TOTAL ORGANIC CARBON | 0.50 | | U | | ***1.20*** | | | | | | | | ***0.90*** | | *J* | *F* | | | | |

OEES Technical Information Systems ROEN Ver. 24

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP H: Water Data for Methods 130.2, 300.0, 310.1, IM40HD and TOC

| EPA NO | W9703A | | | | W9703L | | | | WL23XA | | | | WL23XL | | | | WL71XA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W9703A | | | | W9703L | | | | WL23XA | | | | WL23XL | | | | WL71XA | | | |
| Date Sampled | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***130.2 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| HARDNESS (AS CACO3) | ***13.00*** | | | | ***12.00*** | | | | ***9.00*** | | | | ***10.00*** | | | | ***16.00*** | | | |
| ***IM40HD (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| HARDNESS (AS CACO3) | 40.00 | | U | | 40.00 | | U | | 40.00 | | U | | 40.00 | | U | | 40.00 | | U | |
| ***300.0 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| CHLORIDE (AS CL) | ***16.50*** | | | | | | | | ***7.80*** | | | | | | | | ***9.00*** | | | |
| SULFATE (AS SO4) | ***4.80*** | | | | | | | | ***4.90*** | | | | | | | | ***6.70*** | | | |
| ***310.1 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| ALKALINITY, BICARBONATE ( | ***10.00*** | | | | | | | | ***8.00*** | | | | | | | | ***12.00*** | | | |
| ALKALINITY, CARBONATE (AS | 1.00 | | U | | | | | | 1.00 | | U | | | | | | 1.00 | | U | |
| ALKALINITY, HYDROXIDE (AS | 1.00 | | U | | | | | | 1.00 | | U | | | | | | 1.00 | | U | |
| ALKALINITY, TOTAL (AS CACO | ***10.00*** | | | | | | | | ***8.00*** | | | | | | | | ***12.00*** | | | |
| ***TOC (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| TOTAL ORGANIC CARBON | 0.50 | | U | | | | | | ***0.60*** | | ***J*** | ***F*** | | | | | ***0.70*** | | ***J*** | ***F*** |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP H: Water Data for Methods 130.2, 300.0, 310.1, IM40HD and TOC

| EPA NO | WL71XL | | | | ? | | | | ? | | | | ? | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | WL71XL | | | | | | | | | | | | | | | | | | | |
| Date Sampled | 11/21/97 | | | | | | | | | | | | | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***130.2 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| HARDNESS (AS CACO3) | ***16.00*** | | | | | | | | | | | | | | | | | | | |
| ***IM40HD (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| HARDNESS (AS CACO3) | 40.00 | | U | | | | | | | | | | | | | | | | | |
| ***300.0 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| CHLORIDE (AS CL) | | | | | | | | | | | | | | | | | | | | |
| SULFATE (AS SO4) | | | | | | | | | | | | | | | | | | | | |
| ***310.1 (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| ALKALINITY, BICARBONATE ( | | | | | | | | | | | | | | | | | | | | |
| ALKALINITY, CARBONATE (AS | | | | | | | | | | | | | | | | | | | | |
| ALKALINITY, HYDROXIDE (AS | | | | | | | | | | | | | | | | | | | | |
| ALKALINITY, TOTAL (AS CACO | | | | | | | | | | | | | | | | | | | | |
| ***TOC (MG/L)*** | | | | | | | | | | | | | | | | | | | | |
| TOTAL ORGANIC CARBON | | | | | | | | | | | | | | | | | | | | |

OEES Technical Information Systems ROEN Ver. 24

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP I: Soil Data for Methods 8151 and OM31P

| EPA NO | B03ABA | | | | B03DBA | | | | B41BAA | | | | B41BBA | | | | B41CAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B03ABA | | | | B03DBA | | | | B41BAA | | | | B41BBA | | | | B41CAA | | | |
| Date Sampled | 11/7/97 | | | | 11/7/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | |
| Depth | . | | | | . | | | | . | | | | . | | | | | | | |
| Method / Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***8151 (UG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| DALAPON | 300.00 | | U | | 270.00 | | U | | 320.00 | | U | | 300.00 | | U | | 290.00 | | U | |
| DICAMBA | 5.50 | | U | | 4.90 | | U | | 5.70 | | U | | 5.50 | | U | | 5.20 | | U | |
| MCPP | 5500.00 | | U | | 4900.00 | | U | | 5700.00 | | U | | 5500.00 | | U | | 5200.00 | | U | |
| MCPA | ***6200.00*** | | ***J*** | ****9*** | 4900.00 | | U | | ***25000.00*** | | | | 5500.00 | | U | | 5200.00 | | U | |
| DICHLOROPROP | 55.00 | | U | | 49.00 | | U | | 57.00 | | U | | 55.00 | | U | | 52.00 | | U | |
| 2,4-D (DICHLOROPHENOXYAC | 55.00 | | U | | 49.00 | | U | | 57.00 | | UJ | C | 55.00 | | UJ | C | 52.00 | | UJ | C |
| SILVEX (2,4,5-TP) | 5.60 | | U | | 5.00 | | U | | 5.80 | | U | | 5.60 | | U | | 5.30 | | U | |
| 2,4,5-T (TRICHLOROPHENOXYA | 5.60 | | U | | 5.00 | | U | | 5.80 | | UJ | C | 5.60 | | UJ | C | 5.30 | | UJ | C |
| DINOSEB | 28.00 | | UJ | C | 25.00 | | UJ | C | 29.00 | | U | | 28.00 | | U | | 27.00 | | U | |
| 2,4 DB | 56.00 | | U | | 50.00 | | U | | 58.00 | | UJ | C | 56.00 | | UJ | C | 53.00 | | UJ | C |
| PENTACHLOROPHENOL | 20.00 | | R | *4 | 18.00 | | R | *4 | 21.00 | | U | | 20.00 | | U | | 19.00 | | U | |
| PICLORAM | 5.60 | | UJ | C | 5.00 | | UJ | C | 5.80 | | UJ | C | 5.60 | | UJ | C | 5.30 | | UJ | C |
| 3,5-DICHLOROBENZOIC ACID | 55.00 | | UJ | C | 49.00 | | UJ | C | 57.00 | | UJ | C | 55.00 | | UJ | C | 52.00 | | UJ | C |
| CHLORAMBEN | 44.00 | | U | | 39.00 | | U | | 46.00 | | UJ | C | 44.00 | | UJ | C | 42.00 | | UJ | C |
| BENTAZON | 120.00 | | U | | 100.00 | | U | | 120.00 | | U | | 120.00 | | U | | 110.00 | | U | |
| ACIFLUORFEN | 44.00 | | U | | 39.00 | | U | | 46.00 | | U | | 44.00 | | U | | 42.00 | | U | |
| ***OM31P (UG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| ALPHA BHC (ALPHA HEXACHL | 2.00 | | U | | | | | | 2.10 | | U | | 2.00 | | U | | 1.90 | | R | D |
| BETA BHC (BETA HEXACHLOR | 2.00 | | U | | | | | | 2.10 | | U | | 2.00 | | U | | 1.90 | | R | D |
| DELTA BHC (DELTA HEXACHL | 2.00 | | U | | | | | | 2.10 | | U | | 2.00 | | U | | 1.90 | | R | D |
| GAMMA BHC (LINDANE) | 2.00 | | U | | | | | | 2.10 | | U | | 2.00 | | U | | 1.90 | | R | D |
| HEPTACHLOR | 2.00 | | U | | | | | | 2.10 | | U | | 2.00 | | U | | 1.90 | | R | D |
| ALDRIN | 2.00 | | U | | | | | | 2.10 | | U | | 2.00 | | U | | 1.90 | | R | D |
| HEPTACHLOR EPOXIDE | 2.00 | | U | | | | | | 2.10 | | U | | 2.00 | | U | | 1.90 | | R | D |
| ALPHA ENDOSULFAN | 2.00 | | U | | | | | | 2.10 | | U | | 2.00 | | U | | 1.90 | | R | D |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP I: Soil Data for Methods 8151 and OM31P

| EPA NO | B03ABA | | | | B03DBA | | | | B41BAA | | | | B41BBA | | | | B41CAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B03ABA | | | | | | | | B41BAA | | | | B41BBA | | | | B41CAA | | | |
| Date Sampled | 11/7/97 | | | | | | | | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OM31P (UG/KG) Continued*** | | | | | | | | | | | | | | | | | | | | |
| DIELDRIN | 3.90 | | U | | | | | | 4.00 | | U | | 3.90 | | U | | 3.70 | | R | D |
| DDE (1,1-BIS(CHLOROPHENYL) | ***4.90*** | | ***J*** | ****11*** | | | | | ***8.80*** | | | | 3.90 | | U | | 2.80 | | R | D |
| ENDRIN | 3.90 | | U | | | | | | 4.00 | | U | | 3.90 | | U | | 3.70 | | R | D |
| BETA ENDOSULFAN | 3.90 | | U | | | | | | 4.00 | | U | | 3.90 | | U | | 3.70 | | R | D |
| DDD (1,1-BIS(CHLOROPHENYL) | 3.90 | | U | | | | | | 4.00 | | U | | 3.90 | | U | | 3.70 | | R | D |
| ENDOSULFAN SULFATE | 3.90 | | U | | | | | | 4.00 | | U | | 3.90 | | U | | 3.70 | | R | D |
| DDT (1,1-BIS(CHLOROPHENYL) | ***3.30*** | | ***J*** | | | | | | ***38.00*** | | | | ***4.70*** | | | | 17.00 | | R | D |
| METHOXYCHLOR | 20.00 | | U | | | | | | 21.00 | | U | | 20.00 | | U | | 19.00 | | R | D |
| ENDRIN KETONE | 3.90 | | U | | | | | | 4.00 | | U | | 3.90 | | U | | 3.70 | | R | D |
| ENDRIN ALDEHYDE | 3.90 | | U | | | | | | 4.00 | | U | | 3.90 | | U | | 3.70 | | R | D |
| ALPHA-CHLORDANE | 2.00 | | U | | | | | | 2.10 | | U | | 2.00 | | U | | 1.90 | | R | D |
| GAMMA-CHLORDANE | 2.00 | | U | | | | | | 2.10 | | U | | 2.00 | | U | | 1.90 | | R | D |
| TOXAPHENE | 200.00 | | U | | | | | | 210.00 | | U | | 200.00 | | U | | 190.00 | | R | D |
| PCB-1016 (AROCHLOR 1016) | 39.00 | | U | | | | | | 40.00 | | U | | 39.00 | | U | | 37.00 | | R | D |
| PCB-1221 (AROCHLOR 1221) | 79.00 | | U | | | | | | 82.00 | | U | | 79.00 | | U | | 74.00 | | R | D |
| PCB-1232 (AROCHLOR 1232) | 39.00 | | U | | | | | | 40.00 | | U | | 39.00 | | U | | 37.00 | | R | D |
| PCB-1242 (AROCHLOR 1242) | 39.00 | | U | | | | | | 40.00 | | U | | 39.00 | | U | | 37.00 | | R | D |
| PCB-1248 (AROCHLOR 1248) | 39.00 | | U | | | | | | 40.00 | | U | | 39.00 | | U | | 37.00 | | R | D |
| PCB-1254 (AROCHLOR 1254) | 39.00 | | U | | | | | | 40.00 | | U | | 39.00 | | U | | 37.00 | | R | D |
| PCB-1260 (AROCHLOR 1260) | 39.00 | | U | | | | | | 40.00 | | U | | 39.00 | | U | | 37.00 | | R | D |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP I: Soil Data for Methods 8151 and OM31P

| EPA NO | B41CAARE | | | | B41CBA | | | | B41DAA | | | | B41DBA | | | | B41EAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41CAA | | | | B41CBA | | | | B41DAA | | | | B41DBA | | | | B41EAA | | | |
| Date Sampled | | | | | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | |
| Depth | ? | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***8151 (UG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| DALAPON | | | | | 290.00 | | U | | 290.00 | | U | | 280.00 | | U | | 340.00 | | U | |
| DICAMBA | | | | | 5.20 | | U | | ***7.00*** | | ***NJ*** | ****8,*9*** | 5.20 | | U | | 6.10 | | U | |
| MCPP | | | | | 5200.00 | | U | | 5300.00 | | U | | 5200.00 | | U | | 6100.00 | | U | |
| MCPA | | | | | 5200.00 | | U | | ***7300.00*** | | ***NJ*** | ****8,*9*** | 5200.00 | | U | | ***17000.00*** | | ***J*** | ****9*** |
| DICHLOROPROP | | | | | 52.00 | | U | | 53.00 | | U | | 52.00 | | U | | 61.00 | | U | |
| 2,4-D (DICHLOROPHENOXYAC | | | | | 52.00 | | UJ | C | 53.00 | | UJ | C | 52.00 | | UJ | C | 61.00 | | UJ | C |
| SILVEX (2,4,5-TP) | | | | | 5.30 | | U | | 5.40 | | U | | 5.30 | | U | | 6.20 | | U | |
| 2,4,5-T (TRICHLOROPHENOXYA | | | | | 5.30 | | U | | ***39.00*** | | ***NJ*** | ****8,*9*** | 5.30 | | U | | 6.20 | | U | |
| DINOSEB | | | | | 27.00 | | U | | 27.00 | | U | | 26.00 | | U | | 31.00 | | U | |
| 2,4 DB | | | | | 53.00 | | UJ | C | 54.00 | | UJ | C | 53.00 | | UJ | C | 62.00 | | UJ | C |
| PENTACHLOROPHENOL | | | | | 19.00 | | U | | 19.00 | | U | | 19.00 | | U | | 22.00 | | U | |
| PICLORAM | | | | | 5.30 | | UJ | C | 5.40 | | UJ | C | 5.30 | | UJ | C | 6.20 | | UJ | C |
| 3,5-DICHLOROBENZOIC ACID | | | | | 52.00 | | UJ | C | 53.00 | | UJ | C | 52.00 | | UJ | C | 61.00 | | UJ | C |
| CHLORAMBEN | | | | | 42.00 | | UJ | C | 42.00 | | UJ | C | 41.00 | | UJ | C | 49.00 | | UJ | C |
| BENTAZON | | | | | 110.00 | | U | | 110.00 | | U | | 110.00 | | U | | 130.00 | | U | |
| ACIFLUORFEN | | | | | 42.00 | | U | | 42.00 | | U | | 41.00 | | U | | 49.00 | | U | |
| ***OM31P (UG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| ALPHA BHC (ALPHA HEXACHL | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 2.20 | | U | |
| BETA BHC (BETA HEXACHLOR | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 2.20 | | U | |
| DELTA BHC (DELTA HEXACHL | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 2.20 | | U | |
| GAMMA BHC (LINDANE) | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 2.20 | | U | |
| HEPTACHLOR | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 2.20 | | U | |
| ALDRIN | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 2.20 | | U | |
| HEPTACHLOR EPOXIDE | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 2.20 | | U | |
| ALPHA ENDOSULFAN | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 2.20 | | U | |

OEES Technical Information System: ROEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP I: Soil Data for Methods 8151 and OM31P

| EPA NO | B41CAARE | | | | B41CBA | | | | B41DAA | | | | B41DBA | | | | B41EAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41CAA | | | | B41CBA | | | | B41DAA | | | | B41DBA | | | | B41EAA | | | |
| Date Sampled | | | | | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | | 11/4/97 | | | |
| Depth | ? | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OM31P (UG/KG) Continued*** | | | | | | | | | | | | | | | | | | | | |
| DIELDRIN | 3.70 | | U | | 3.70 | | U | | 3.70 | | U | | 3.60 | | U | | 4.30 | | U | |
| DDE (1,1-BIS(CHLOROPHENYL) | ***1.80*** | | ***J*** | | 3.70 | | U | | ***4.90*** | | ***J*** | ***S*** | 3.60 | | U | | ***9.30*** | | | |
| ENDRIN | 3.70 | | U | | 3.70 | | U | | 3.70 | | U | | 3.60 | | U | | 4.30 | | U | |
| BETA ENDOSULFAN | 3.70 | | U | | 3.70 | | U | | 3.70 | | U | | 3.60 | | U | | 4.30 | | U | |
| DDD (1,1-BIS(CHLOROPHENYL) | 3.70 | | U | | 3.70 | | U | | 3.70 | | U | | 3.60 | | U | | 4.30 | | U | |
| ENDOSULFAN SULFATE | 3.70 | | U | | 3.70 | | U | | ***2.20*** | | ***NJ*** | ***S,*10,*1*** | 3.60 | | U | | 4.30 | | U | |
| DDT (1,1-BIS(CHLOROPHENYL) | ***8.90*** | | | | 3.70 | | U | | ***12.00*** | | ***J*** | ***S*** | 3.60 | | U | | ***23.00*** | | | |
| METHOXYCHLOR | 19.00 | | U | | 19.00 | | U | | 19.00 | | U | | 19.00 | | U | | 22.00 | | U | |
| ENDRIN KETONE | 3.70 | | U | | 3.70 | | U | | 3.70 | | U | | 3.60 | | U | | 4.30 | | U | |
| ENDRIN ALDEHYDE | 3.70 | | U | | 3.70 | | U | | 3.70 | | U | | 3.60 | | U | | 4.30 | | U | |
| ALPHA-CHLORDANE | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 2.20 | | U | |
| GAMMA-CHLORDANE | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 1.90 | | U | | 2.20 | | U | |
| TOXAPHENE | 190.00 | | U | | 190.00 | | U | | 190.00 | | U | | 190.00 | | U | | 220.00 | | U | |
| PCB-1016 (AROCHLOR 1016) | 37.00 | | U | | 37.00 | | U | | 37.00 | | U | | 36.00 | | U | | 43.00 | | U | |
| PCB-1221 (AROCHLOR 1221) | 74.00 | | U | | 74.00 | | U | | 75.00 | | U | | 74.00 | | U | | 87.00 | | U | |
| PCB-1232 (AROCHLOR 1232) | 37.00 | | U | | 37.00 | | U | | 37.00 | | U | | 36.00 | | U | | 43.00 | | U | |
| PCB-1242 (AROCHLOR 1242) | 37.00 | | U | | 37.00 | | U | | 37.00 | | U | | 36.00 | | U | | 43.00 | | U | |
| PCB-1248 (AROCHLOR 1248) | 37.00 | | U | | 37.00 | | U | | 37.00 | | U | | 36.00 | | U | | 43.00 | | U | |
| PCB-1254 (AROCHLOR 1254) | 37.00 | | U | | 37.00 | | U | | 37.00 | | U | | 36.00 | | U | | 43.00 | | U | |
| PCB-1260 (AROCHLOR 1260) | 37.00 | | U | | 37.00 | | U | | 37.00 | | U | | 36.00 | | U | | 43.00 | | U | |

OEES Technical Information Systems ROEN Ver. 24

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP I: Soil Data for Methods 8151 and OM31P

| EPA NO | B41EBA | | | | B41FAA | | | | B41FBA | | | | B41FBARE | | | | B41GAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41EBA | | | | B41FAA | | | | B41FBA | | | | B41FBA | | | | B41GAA | | | |
| Date Sampled | 11/4/97 | | | | 11/5/97 | | | | 11/5/97 | | | | | | | | 11/5/97 | | | |
| Depth | | | | | | | | | | | | | ? | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *8151 (UG/KG)* | | | | | | | | | | | | | | | | | | | | |
| DALAPON | 310.00 | | U | | 300.00 | | U | | 290.00 | | U | | | | | | 300.00 | | U | |
| DICAMBA | 5.60 | | U | | 5.50 | | U | | 5.30 | | U | | | | | | 5.50 | | U | |
| MCPP | 5600.00 | | U | | 5500.00 | | U | | 5300.00 | | U | | | | | | 5500.00 | | U | |
| MCPA | 5600.00 | | U | | ***13000.00*** | | ***NJ*** | ****8, *9*** | 5300.00 | | U | | | | | | ***10000.00*** | | | |
| DICHLOROPROP | 56.00 | | U | | 55.00 | | U | | 53.00 | | U | | | | | | 55.00 | | U | |
| 2,4-D (DICHLOROPHENOXYAC | 56.00 | | UJ | C | 55.00 | | UJ | C | 53.00 | | UJ | C | | | | | 55.00 | | UJ | C |
| SILVEX (2,4,5-TP) | 5.70 | | U | | 5.60 | | U | | 5.40 | | U | | | | | | 5.60 | | U | |
| 2,4,5-T (TRICHLOROPHENOXYA | 5.70 | | U | | 5.60 | | UJ | C | 5.40 | | UJ | C | | | | | 5.60 | | UJ | C |
| DINOSEB | 28.00 | | U | | 28.00 | | U | | 27.00 | | U | | | | | | 28.00 | | U | |
| 2,4 DB | 57.00 | | UJ | C | 56.00 | | UJ | C | 54.00 | | UJ | C | | | | | 56.00 | | UJ | C |
| PENTACHLOROPHENOL | 20.00 | | U | | 20.00 | | U | | 19.00 | | U | | | | | | 20.00 | | U | |
| PICLORAM | 5.70 | | UJ | C | 5.60 | | UJ | C | 5.40 | | UJ | C | | | | | 5.60 | | UJ | C |
| 3,5-DICHLOROBENZOIC ACID | 56.00 | | UJ | C | 55.00 | | UJ | C | 53.00 | | UJ | C | | | | | 55.00 | | UJ | C |
| CHLORAMBEN | 45.00 | | UJ | C | 44.00 | | UJ | C | 42.00 | | UJ | C | | | | | 44.00 | | UJ | C |
| BENTAZON | 120.00 | | U | | 120.00 | | U | | 110.00 | | U | | | | | | 120.00 | | U | |
| ACIFLUORFEN | 45.00 | | U | | 44.00 | | U | | 42.00 | | U | | | | | | 44.00 | | U | |
| *OM31P (UG/KG)* | | | | | | | | | | | | | | | | | | | | |
| ALPHA BHC (ALPHA HEXACHL | 2.00 | | U | | 2.00 | | U | | 1.90 | | R | D | 1.90 | | U | | 2.00 | | U | |
| BETA BHC (BETA HEXACHLOR | 2.00 | | U | | 2.00 | | U | | 1.90 | | R | D | 1.90 | | U | | 2.00 | | U | |
| DELTA BHC (DELTA HEXACHL | 2.00 | | U | | 2.00 | | U | | 1.90 | | R | D | 1.90 | | U | | 2.00 | | U | |
| GAMMA BHC (LINDANE) | 2.00 | | U | | 2.00 | | U | | 1.90 | | R | D | 1.90 | | U | | 2.00 | | U | |
| HEPTACHLOR | 2.00 | | U | | 2.00 | | U | | 1.90 | | R | D | 1.90 | | U | | 2.00 | | U | |
| ALDRIN | 2.00 | | U | | 2.00 | | U | | 1.90 | | R | D | 1.90 | | U | | 2.00 | | U | |
| HEPTACHLOR EPOXIDE | 2.00 | | U | | 2.00 | | U | | 1.90 | | R | D | 1.90 | | U | | 2.00 | | U | |
| ALPHA ENDOSULFAN | 2.00 | | U | | 2.00 | | U | | 1.90 | | R | D | 1.90 | | U | | 2.00 | | U | |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP I: Soil Data for Methods 8151 and OM31P

| EPA NO | B41EBA | | | | B41FAA | | | | B41FBA | | | | B41FBARE | | | | B41GAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41EBA | | | | B41FAA | | | | B41FBA | | | | B41FBA | | | | B41GAA | | | |
| Date Sampled | 11/4/97 | | | | 11/5/97 | | | | 11/5/97 | | | | | | | | 11/5/97 | | | |
| Depth | | | | | | | | | | | | | ? | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OM31P (UG/KG) Continued*** | | | | | | | | | | | | | | | | | | | | |
| DIELDRIN | 3.90 | | U | | 3.90 | | U | | 3.70 | | R | D | 3.70 | | U | | 3.90 | | U | |
| DDE (1,1-BIS(CHLOROPHENYL) | 3.90 | | U | | 3.90 | | U | | 3.70 | | R | D | 3.70 | | U | | ***2.00*** | | ***J*** | |
| ENDRIN | 3.90 | | U | | 3.90 | | U | | 3.70 | | R | D | 3.70 | | U | | 3.90 | | U | |
| BETA ENDOSULFAN | 3.90 | | U | | 3.90 | | U | | 3.70 | | R | D | 3.70 | | U | | 3.90 | | U | |
| DDD (1,1-BIS(CHLOROPHENYL) | 3.90 | | U | | 3.90 | | U | | 3.70 | | R | D | 3.70 | | U | | 3.90 | | U | |
| ENDOSULFAN SULFATE | 3.90 | | U | | 3.90 | | U | | 3.70 | | R | D | 3.70 | | U | | 3.90 | | U | |
| DDT (1,1-BIS(CHLOROPHENYL) | 3.90 | | U | | ***6.80*** | | ***J*** | ****11*** | 6.40 | | R | D | ***3.80*** | | | | ***7.70*** | | | |
| METHOXYCHLOR | 20.00 | | U | | 20.00 | | U | | 19.00 | | R | D | 19.00 | | U | | 20.00 | | U | |
| ENDRIN KETONE | 3.90 | | U | | 3.90 | | U | | 3.70 | | R | D | 3.70 | | U | | 3.90 | | U | |
| ENDRIN ALDEHYDE | 3.90 | | U | | 3.90 | | U | | 3.70 | | R | D | 3.70 | | U | | 3.90 | | U | |
| ALPHA-CHLORDANE | 2.00 | | U | | 2.00 | | U | | 1.90 | | R | D | 1.90 | | U | | 2.00 | | U | |
| GAMMA-CHLORDANE | 2.00 | | U | | 2.00 | | U | | 1.90 | | R | D | 1.90 | | U | | 2.00 | | U | |
| TOXAPHENE | 200.00 | | U | | 200.00 | | U | | 190.00 | | R | D | 190.00 | | U | | 200.00 | | U | |
| PCB-1016 (AROCHLOR 1016) | 39.00 | | U | | 39.00 | | U | | 37.00 | | R | D | 37.00 | | U | | 39.00 | | U | |
| PCB-1221 (AROCHLOR 1221) | 80.00 | | U | | 79.00 | | U | | 75.00 | | R | D | 75.00 | | U | | 79.00 | | U | |
| PCB-1232 (AROCHLOR 1232) | 39.00 | | U | | 39.00 | | U | | 37.00 | | R | D | 37.00 | | U | | 39.00 | | U | |
| PCB-1242 (AROCHLOR 1242) | 39.00 | | U | | 39.00 | | U | | 37.00 | | R | D | 37.00 | | U | | 39.00 | | U | |
| PCB-1248 (AROCHLOR 1248) | 39.00 | | U | | 39.00 | | U | | 37.00 | | R | D | 37.00 | | U | | 39.00 | | U | |
| PCB-1254 (AROCHLOR 1254) | 39.00 | | U | | 39.00 | | U | | 37.00 | | R | D | 37.00 | | U | | 39.00 | | U | |
| PCB-1260 (AROCHLOR 1260) | 39.00 | | U | | 39.00 | | U | | 37.00 | | R | D | 37.00 | | U | | 39.00 | | U | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP I: Soil Data for Methods 8151 and OM31P

| EPA NO | B41GBA | | | | B41HAA | | | | B41HAARE | | | | B41HBA | | | | B41IAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41GBA | | | | B41HAA | | | | B41HAA | | | | B41HBA | | | | B41IAA | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | | | | | 11/5/97 | | | | 11/5/97 | | | |
| Depth | | | | | | | | | ? | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***8151 (UG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| DALAPON | 300.00 | | U | | 320.00 | | U | | | | | | 310.00 | | U | | 320.00 | | U | |
| DICAMBA | 5.40 | | U | | 5.80 | | U | | | | | | 5.60 | | U | | 5.70 | | U | |
| MCPP | 5400.00 | | U | | 5800.00 | | U | | | | | | 5600.00 | | U | | 5700.00 | | U | |
| MCPA | 5400.00 | | U | | ***12000.00*** | | ***NJ*** | ****8,*9*** | | | | | 5600.00 | | U | | ***10000.00*** | | | |
| DICHLOROPROP | 54.00 | | U | | 58.00 | | U | | | | | | 56.00 | | U | | 57.00 | | U | |
| 2,4-D (DICHLOROPHENOXYAC | 54.00 | | UJ | C | 58.00 | | UJ | C | | | | | 56.00 | | U | | 57.00 | | U | |
| SILVEX (2,4,5-TP) | 5.50 | | U | | 5.90 | | U | | | | | | 5.70 | | U | | 5.80 | | U | |
| 2,4,5-T (TRICHLOROPHENOXYA | 5.50 | | UJ | C | 5.90 | | UJ | C | | | | | 5.70 | | U | | 5.80 | | U | |
| DINOSEB | 28.00 | | U | | 30.00 | | U | | | | | | 28.00 | | UJ | C | 29.00 | | UJ | C |
| 2,4 DB | 55.00 | | UJ | C | 59.00 | | UJ | C | | | | | 57.00 | | U | | 58.00 | | U | |
| PENTACHLOROPHENOL | 20.00 | | U | | 21.00 | | U | | | | | | ***32.00*** | | ***NJ*** | ****4,*8,*9*** | 21.00 | | R | *4 |
| PICLORAM | 5.50 | | UJ | C | 5.90 | | UJ | C | | | | | 5.70 | | UJ | C | 5.80 | | UJ | C |
| 3,5-DICHLOROBENZOIC ACID | 54.00 | | UJ | C | 58.00 | | UJ | C | | | | | 56.00 | | UJ | C | 57.00 | | UJ | C |
| CHLORAMBEN | 43.00 | | UJ | C | 46.00 | | UJ | C | | | | | 45.00 | | U | | 46.00 | | U | |
| BENTAZON | 110.00 | | U | | 120.00 | | U | | | | | | 120.00 | | U | | 120.00 | | U | |
| ACIFLUORFEN | 43.00 | | U | | 46.00 | | U | | | | | | 45.00 | | U | | 46.00 | | U | |
| ***OM31P (UG/KG)*** | | | | | | | | | | | | | | | | | | | | |
| ALPHA BHC (ALPHA HEXACHL | 2.00 | | U | | 2.10 | | R | D | 2.10 | | U | | 2.00 | | U | | 2.10 | | U | |
| BETA BHC (BETA HEXACHLOR | 2.00 | | U | | 2.10 | | R | D | 2.10 | | U | | 2.00 | | U | | 2.10 | | U | |
| DELTA BHC (DELTA HEXACHL | 2.00 | | U | | 2.10 | | R | D | 2.10 | | U | | 2.00 | | U | | 2.10 | | U | |
| GAMMA BHC (LINDANE) | 2.00 | | U | | 2.10 | | R | D | 2.10 | | U | | 2.00 | | U | | 2.10 | | U | |
| HEPTACHLOR | 2.00 | | U | | 2.10 | | R | D | 2.10 | | U | | 2.00 | | U | | 2.10 | | U | |
| ALDRIN | 2.00 | | U | | 2.10 | | R | D | 2.10 | | U | | 2.00 | | U | | 2.10 | | U | |
| HEPTACHLOR EPOXIDE | 2.00 | | U | | 2.10 | | R | D | 2.10 | | U | | 2.00 | | U | | 2.10 | | U | |
| ALPHA ENDOSULFAN | 2.00 | | U | | 2.10 | | R | D | 2.10 | | U | | 2.00 | | U | | 2.10 | | U | |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP I: Soil Data for Methods 8151 and OM31P

| EPA NO | B41GBA | | | | B41HAA | | | | B41HAARE | | | | B41HBA | | | | B41IAA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41GBA | | | | B41HAA | | | | B41HAA | | | | B41HBA | | | | B41IAA | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | | | | | 11/5/97 | | | | 11/5/97 | | | |
| Depth | | | | | | | | | ? | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OM31P (UG/KG) Continued*** | | | | | | | | | | | | | | | | | | | | |
| DIELDRIN | 3.80 | | U | | 4.10 | | R | D | 4.10 | | U | | 3.90 | | U | | 4.00 | | U | |
| DDE (1,1-BIS(CHLOROPHENYL) | 3.80 | | U | | 3.20 | | R | D | ***2.10*** | | ***J*** | | 3.90 | | U | | 4.00 | | U | |
| ENDRIN | 3.80 | | U | | 4.10 | | R | D | 4.10 | | U | | 3.90 | | U | | 4.00 | | U | |
| BETA ENDOSULFAN | 3.80 | | U | | 4.10 | | R | D | 4.10 | | U | | 3.90 | | U | | 4.00 | | U | |
| DDD (1,1-BIS(CHLOROPHENYL) | 3.80 | | U | | 4.10 | | R | D | 4.10 | | U | | 3.90 | | U | | 4.00 | | U | |
| ENDOSULFAN SULFATE | 3.80 | | U | | 4.10 | | R | D | 4.10 | | U | | 3.90 | | U | | 4.00 | | U | |
| DDT (1,1-BIS(CHLOROPHENYL) | ***4.20*** | | | | 7.40 | | R | D | ***4.00*** | | ***J*** | | ***4.70*** | | | | ***5.00*** | | | |
| METHOXYCHLOR | 20.00 | | U | | 21.00 | | R | D | 21.00 | | U | | 20.00 | | U | | 21.00 | | U | |
| ENDRIN KETONE | 3.80 | | U | | 4.10 | | R | D | 4.10 | | U | | 3.90 | | U | | 4.00 | | U | |
| ENDRIN ALDEHYDE | 3.80 | | U | | 4.10 | | R | D | 4.10 | | U | | 3.90 | | U | | 4.00 | | U | |
| ALPHA-CHLORDANE | 2.00 | | U | | 2.10 | | R | D | 2.10 | | U | | 2.00 | | U | | 2.10 | | U | |
| GAMMA-CHLORDANE | 2.00 | | U | | 2.10 | | R | D | 2.10 | | U | | 2.00 | | U | | 2.10 | | U | |
| TOXAPHENE | 200.00 | | U | | 210.00 | | R | D | 210.00 | | U | | 200.00 | | U | | 210.00 | | U | |
| PCB-1016 (AROCHLOR 1016) | 38.00 | | U | | 41.00 | | R | D | 41.00 | | U | | 39.00 | | U | | 40.00 | | U | |
| PCB-1221 (AROCHLOR 1221) | 77.00 | | U | | 83.00 | | R | D | 83.00 | | U | | 80.00 | | U | | 82.00 | | U | |
| PCB-1232 (AROCHLOR 1232) | 38.00 | | U | | 41.00 | | R | D | 41.00 | | U | | 39.00 | | U | | 40.00 | | U | |
| PCB-1242 (AROCHLOR 1242) | 38.00 | | U | | 41.00 | | R | D | 41.00 | | U | | 39.00 | | U | | 40.00 | | U | |
| PCB-1248 (AROCHLOR 1248) | 38.00 | | U | | 41.00 | | R | D | 41.00 | | U | | 39.00 | | U | | 40.00 | | U | |
| PCB-1254 (AROCHLOR 1254) | 38.00 | | U | | 41.00 | | R | D | 41.00 | | U | | 39.00 | | U | | 40.00 | | U | |
| PCB-1260 (AROCHLOR 1260) | 38.00 | | U | | 41.00 | | R | D | 41.00 | | U | | 39.00 | | U | | 40.00 | | U | |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP I: Soil Data for Methods 8151 and OM31P

| :PA NO | B41IBA | | | | B41JAA | | | | S02DBA | | | | S13DAA | | | | S13DAD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| )GDEN ID | B41IBA | | | | B41JAA | | | | S02DBA | | | | S13DAA | | | | S13DAD | | | |
| )ate Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | |
| )epth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *:151 (UG/KG)* | | | | | | | | | | | | | | | | | | | | |
| DALAPON | 290.00 | | U | | 310.00 | | U | | | | | | 360.00 | | U | | 380.00 | | U | |
| DICAMBA | 5.20 | | U | | 5.60 | | U | | | | | | 6.50 | | U | | 6.90 | | U | |
| MCPP | 5200.00 | | U | | 5600.00 | | U | | | | | | 6500.00 | | U | | 6900.00 | | U | |
| MCPA | 5200.00 | | U | | ***32000.00*** | | ***J*** | ****9*** | | | | | 6500.00 | | U | | 6900.00 | | U | |
| DICHLOROPROP | 52.00 | | U | | 56.00 | | U | | | | | | 65.00 | | U | | 69.00 | | U | |
| 2,4-D (DICHLOROPHENOXYAC | 52.00 | | U | | 56.00 | | U | | | | | | 65.00 | | U | | 69.00 | | U | |
| SILVEX (2,4,5-TP) | 5.30 | | U | | 5.70 | | U | | | | | | 6.70 | | U | | 7.00 | | U | |
| 2,4,5-T (TRICHLOROPHENOXYA | 5.30 | | U | | 5.70 | | U | | | | | | 6.70 | | U | | ***19.00*** | | ***NJ*** | ****8,*9*** |
| DINOSEB | 27.00 | | UJ | C | 28.00 | | UJ | C | | | | | 33.00 | | R | *4 | 35.00 | | R | *4 |
| 2,4 DB | 53.00 | | U | | 57.00 | | U | | | | | | 67.00 | | U | | 70.00 | | U | |
| PENTACHLOROPHENOL | 19.00 | | R | *4 | 20.00 | | R | *4 | | | | | 24.00 | | R | *4 | 25.00 | | R | *4 |
| PICLORAM | 5.30 | | UJ | C | 5.70 | | UJ | C | | | | | 6.70 | | UJ | C | 7.00 | | UJ | C |
| 3,5-DICHLOROBENZOIC ACID | 52.00 | | UJ | C | 56.00 | | UJ | C | | | | | 65.00 | | U | | 69.00 | | U | |
| CHLORAMBEN | 42.00 | | U | | 45.00 | | U | | | | | | 52.00 | | R | *4 | 55.00 | | R | *4 |
| BENTAZON | 110.00 | | U | | 120.00 | | U | | | | | | 140.00 | | U | | ***240.00*** | | | |
| ACIFLUORFEN | 42.00 | | U | | 45.00 | | U | | | | | | ***130.00*** | | | | 55.00 | | U | |
| *)M31P (UG/KG)* | | | | | | | | | | | | | | | | | | | | |
| ALPHA BHC (ALPHA HEXACHL | 1.90 | | U | | 2.00 | | U | | 2.00 | | U | | 2.40 | | U | | 2.50 | | U | |
| BETA BHC (BETA HEXACHLOR | 1.90 | | U | B | 2.00 | | U | | 2.00 | | U | | 2.40 | | U | | ***5.60*** | | | |
| DELTA BHC (DELTA HEXACHL | 1.90 | | U | | 2.00 | | U | | 2.00 | | U | | 2.40 | | U | | ***1.60*** | | ***J*** | |
| GAMMA BHC (LINDANE) | 1.90 | | U | | 2.00 | | U | | 2.00 | | U | | 2.40 | | U | | 2.50 | | U | |
| HEPTACHLOR | 1.90 | | U | | 2.00 | | U | | 2.00 | | U | | 2.40 | | UJ | *8 | 2.50 | | UJ | *8 |
| ALDRIN | 1.90 | | U | | 2.00 | | U | | 2.00 | | U | | 2.40 | | U | | 2.50 | | U | |
| HEPTACHLOR EPOXIDE | 1.90 | | U | | 2.00 | | U | | 2.00 | | U | | 2.40 | | U | | 2.50 | | U | |
| ALPHA ENDOSULFAN | 1.90 | | U | | 2.00 | | U | | 2.00 | | U | | 2.40 | | U | | 2.50 | | U | |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP I: Soil Data for Methods 8151 and OM31P

| EPA NO | B41IBA | | | | B41JAA | | | | S02DBA | | | | S13DAA | | | | S13DAD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | B41IBA | | | | B41JAA | | | | S02DBA | | | | S13DAA | | | | S13DAD | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OM31P (UG/KG) Continued*** | | | | | | | | | | | | | | | | | | | | |
| DIELDRIN | 3.70 | | U | | 3.90 | | U | | 3.80 | | U | | 4.60 | | U | | 4.80 | | U | |
| DDE (1,1-BIS(CHLOROPHENYL) | 3.70 | | U | | 3.90 | | U | | 3.80 | | U | | 4.60 | | U | | 4.80 | | U | |
| ENDRIN | 3.70 | | U | | 3.90 | | U | | 3.80 | | U | | 4.60 | | U | | 4.80 | | U | |
| BETA ENDOSULFAN | 3.70 | | U | | 3.90 | | U | | 3.80 | | U | | 4.60 | | U | | 4.80 | | U | |
| DDD (1,1-BIS(CHLOROPHENYL) | 3.70 | | U | | 3.90 | | U | | 3.80 | | U | | 4.60 | | U | | 4.80 | | U | |
| ENDOSULFAN SULFATE | 3.70 | | U | | 3.90 | | U | | 3.80 | | U | | 4.60 | | U | | 4.80 | | U | |
| DDT (1,1-BIS(CHLOROPHENYL) | ***6.20*** | | | | ***2.00*** | | ***J*** | | 3.80 | | U | | 4.60 | | U | | 4.80 | | U | |
| METHOXYCHLOR | 19.00 | | U | | 20.00 | | U | | 20.00 | | U | | 24.00 | | U | | 25.00 | | U | |
| ENDRIN KETONE | 3.70 | | U | | 3.90 | | U | | 3.80 | | U | | 4.60 | | U | | 4.80 | | U | |
| ENDRIN ALDEHYDE | 3.70 | | U | | 3.90 | | U | | 3.80 | | U | | 4.60 | | U | | 4.80 | | U | |
| ALPHA-CHLORDANE | 1.90 | | U | | 2.00 | | U | | 2.00 | | U | | 2.40 | | U | | 2.50 | | U | |
| GAMMA-CHLORDANE | 1.90 | | U | | 2.00 | | U | | 2.00 | | U | | 2.40 | | U | | 2.50 | | U | |
| TOXAPHENE | 190.00 | | U | | 200.00 | | U | | 200.00 | | U | | 240.00 | | U | | 250.00 | | U | |
| PCB-1016 (AROCHLOR 1016) | 37.00 | | U | | 39.00 | | U | | 38.00 | | U | | 46.00 | | U | | 48.00 | | U | |
| PCB-1221 (AROCHLOR 1221) | 74.00 | | U | | 80.00 | | U | | 78.00 | | U | | 93.00 | | U | | 98.00 | | U | |
| PCB-1232 (AROCHLOR 1232) | 37.00 | | U | | 39.00 | | U | | 38.00 | | U | | 46.00 | | U | | 48.00 | | U | |
| PCB-1242 (AROCHLOR 1242) | 37.00 | | U | | 39.00 | | U | | 38.00 | | U | | 46.00 | | U | | 48.00 | | U | |
| PCB-1248 (AROCHLOR 1248) | 37.00 | | U | | 39.00 | | U | | 38.00 | | U | | 46.00 | | U | | 48.00 | | U | |
| PCB-1254 (AROCHLOR 1254) | 37.00 | | U | | 39.00 | | U | | 38.00 | | U | | 46.00 | | U | | 48.00 | | U | |
| PCB-1260 (AROCHLOR 1260) | 37.00 | | U | | 39.00 | | U | | 38.00 | | U | | 46.00 | | U | | 48.00 | | U | |

OEES Technical Information Systems ROEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP I: Soil Data for Methods 8151 and OM31P

| EPA NO | S25DBA | | | | ? | | | | ? | | | | ? | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S25DBA | | | | | | | | | | | | | | | | | | | |
| Date Sampled | 11/20/97 | | | | | | | | | | | | | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *8151 (UG/KG)* | | | | | | | | | | | | | | | | | | | | |
| DALAPON | | | | | | | | | | | | | | | | | | | | |
| DICAMBA | | | | | | | | | | | | | | | | | | | | |
| MCPP | | | | | | | | | | | | | | | | | | | | |
| MCPA | | | | | | | | | | | | | | | | | | | | |
| DICHLOROPROP | | | | | | | | | | | | | | | | | | | | |
| 2,4-D (DICHLOROPHENOXYAC | | | | | | | | | | | | | | | | | | | | |
| SILVEX (2,4,5-TP) | | | | | | | | | | | | | | | | | | | | |
| 2,4,5-T (TRICHLOROPHENOXYA | | | | | | | | | | | | | | | | | | | | |
| DINOSEB | | | | | | | | | | | | | | | | | | | | |
| 2,4 DB | | | | | | | | | | | | | | | | | | | | |
| PENTACHLOROPHENOL | | | | | | | | | | | | | | | | | | | | |
| PICLORAM | | | | | | | | | | | | | | | | | | | | |
| 3,5-DICHLOROBENZOIC ACID | | | | | | | | | | | | | | | | | | | | |
| CHLORAMBEN | | | | | | | | | | | | | | | | | | | | |
| BENTAZON | | | | | | | | | | | | | | | | | | | | |
| ACIFLUORFEN | | | | | | | | | | | | | | | | | | | | |
| *OM31P (UG/KG)* | | | | | | | | | | | | | | | | | | | | |
| ALPHA BHC (ALPHA HEXACHL | 2.10 | | U | | | | | | | | | | | | | | | | | |
| BETA BHC (BETA HEXACHLOR | 2.10 | | U | | | | | | | | | | | | | | | | | |
| DELTA BHC (DELTA HEXACHL | 2.10 | | U | | | | | | | | | | | | | | | | | |
| GAMMA BHC (LINDANE) | 2.10 | | U | | | | | | | | | | | | | | | | | |
| HEPTACHLOR | 2.10 | | UJ | *8 | | | | | | | | | | | | | | | | |
| ALDRIN | 2.10 | | U | | | | | | | | | | | | | | | | | |
| HEPTACHLOR EPOXIDE | 2.10 | | U | | | | | | | | | | | | | | | | | |
| ALPHA ENDOSULFAN | 2.10 | | U | | | | | | | | | | | | | | | | | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP I: Soil Data for Methods 8151 and OM31P

| EPA NO | S25DBA | | | | ? | | | | ? | | | | ? | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | S25DBA | | | | | | | | | | | | | | | | | | | |
| Date Sampled | 11/20/97 | | | | | | | | | | | | | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OM31P (UG/KG) Continued*** | | | | | | | | | | | | | | | | | | | | |
| DIELDRIN | 4.00 | | U | | | | | | | | | | | | | | | | | |
| DDE (1,1-BIS(CHLOROPHENYL) | 4.00 | | U | | | | | | | | | | | | | | | | | |
| ENDRIN | 4.00 | | U | | | | | | | | | | | | | | | | | |
| BETA ENDOSULFAN | 4.00 | | U | | | | | | | | | | | | | | | | | |
| DDD (1,1-BIS(CHLOROPHENYL) | 4.00 | | U | | | | | | | | | | | | | | | | | |
| ENDOSULFAN SULFATE | 4.00 | | U | | | | | | | | | | | | | | | | | |
| DDT (1,1-BIS(CHLOROPHENYL) | 4.00 | | U | | | | | | | | | | | | | | | | | |
| METHOXYCHLOR | 21.00 | | U | | | | | | | | | | | | | | | | | |
| ENDRIN KETONE | 4.00 | | U | | | | | | | | | | | | | | | | | |
| ENDRIN ALDEHYDE | 4.00 | | U | | | | | | | | | | | | | | | | | |
| ALPHA-CHLORDANE | 2.10 | | U | | | | | | | | | | | | | | | | | |
| GAMMA-CHLORDANE | 2.10 | | U | | | | | | | | | | | | | | | | | |
| TOXAPHENE | 210.00 | | U | | | | | | | | | | | | | | | | | |
| PCB-1016 (AROCHLOR 1016) | 40.00 | | U | | | | | | | | | | | | | | | | | |
| PCB-1221 (AROCHLOR 1221) | 82.00 | | U | | | | | | | | | | | | | | | | | |
| PCB-1232 (AROCHLOR 1232) | 40.00 | | U | | | | | | | | | | | | | | | | | |
| PCB-1242 (AROCHLOR 1242) | 40.00 | | U | | | | | | | | | | | | | | | | | |
| PCB-1248 (AROCHLOR 1248) | 40.00 | | U | | | | | | | | | | | | | | | | | |
| PCB-1254 (AROCHLOR 1254) | 40.00 | | U | | | | | | | | | | | | | | | | | |
| PCB-1260 (AROCHLOR 1260) | 40.00 | | U | | | | | | | | | | | | | | | | | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP J: Water Data for Methods 8151 and OL21P

| EPA NO | W06SSA | | | | W06SSD | | | | W10DDA | | | | W10SSA | | | | W10SSD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W06SSA | | | | W06SSD | | | | W10DDA | | | | W10SSA | | | | W10SSD | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/6/97 | | | | 11/6/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *8151 (UG/L)* | | | | | | | | | | | | | | | | | | | | |
| DALAPON | 2.30 | | U | | 2.30 | | U | | 2.30 | | U | | 2.40 | | U | | 2.40 | | U | |
| DICAMBA | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | |
| MCPP | 95.00 | | U | | 96.00 | | U | | 96.00 | | U | | 99.00 | | U | | 98.00 | | U | |
| MCPA | 94.00 | | U | | 95.00 | | U | | 95.00 | | U | | 98.00 | | U | | 97.00 | | U | |
| DICHLOROPROP | 0.95 | | U | | 0.96 | | U | | 0.96 | | U | | 0.99 | | U | | 0.98 | | U | |
| 2,4-D (DICHLOROPHENOXYAC | 0.95 | | U | | 0.96 | | U | | 0.96 | | U | | 0.99 | | U | | 0.98 | | U | |
| SILVEX (2,4,5-TP) | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | |
| 2,4,5-T (TRICHLOROPHENOXYA | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | |
| DINOSEB | 0.99 | | U | | 1.00 | | U | | 1.00 | | U | | 1.00 | | UJ | C | 1.00 | | UJ | C |
| 2,4 DB | 0.96 | | U | | 0.97 | | U | | 0.97 | | U | | 1.00 | | U | | 0.99 | | U | |
| PENTACHLOROPHENOL | 0.24 | | U | | 0.24 | | U | | 0.24 | | U | | 0.25 | | U | | 0.25 | | U | |
| PICLORAM | 0.28 | | R | Q,*4 | 0.28 | | R | *4 | 0.28 | | R | Q,*4 | 0.29 | | R | *4 | 0.29 | | R | *4 |
| 3,5-DICHLOROBENZOIC ACID | 0.95 | | U | | 0.96 | | U | | 0.96 | | U | | 0.99 | | UJ | C | 0.98 | | UJ | C |
| CHLORAMBEN | 0.76 | | R | Q,*4 | 0.76 | | R | *4 | 0.76 | | R | *4 | 0.79 | | UJ | *4 | 0.78 | | UJ | *4 |
| BENTAZON | 2.00 | | U | | 2.00 | | U | | 2.00 | | U | | 2.10 | | U | | 2.10 | | U | |
| ACIFLUORFEN | 0.76 | | U | | 0.76 | | U | | 0.76 | | U | | 0.79 | | U | | 0.78 | | U | |
| *OL21P (UG/L)* | | | | | | | | | | | | | | | | | | | | |
| ALPHA BHC (ALPHA HEXACHL | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |
| BETA BHC (BETA HEXACHLOR | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |
| DELTA BHC (DELTA HEXACHL | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |
| GAMMA BHC (LINDANE) | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |
| HEPTACHLOR | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |
| ALDRIN | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |
| HEPTACHLOR EPOXIDE | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |
| ALPHA ENDOSULFAN | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |

OEES Technical Information Systems ROEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP J: Water Data for Methods 8151 and OL21P

| EPA NO | W06SSA | | | | W06SSD | | | | W10DDA | | | | W10SSA | | | | W10SSD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W06SSA | | | | W06SSD | | | | W10DDA | | | | W10SSA | | | | W10SSD | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/6/97 | | | | 11/6/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OL21P (UG/L) Continued*** | | | | | | | | | | | | | | | | | | | | |
| DIELDRIN | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | |
| DDE (1,1-BIS(CHLOROPHENYL) | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | |
| ENDRIN | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | |
| BETA ENDOSULFAN | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | |
| DDD (1,1-BIS(CHLOROPHENYL) | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | |
| ENDOSULFAN SULFATE | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | |
| DDT (1,1-BIS(CHLOROPHENYL) | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | |
| METHOXYCHLOR | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | |
| ENDRIN KETONE | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | |
| ENDRIN ALDEHYDE | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | |
| ALPHA-CHLORDANE | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |
| GAMMA-CHLORDANE | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |
| TOXAPHENE | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | |
| PCB-1016 (AROCHLOR 1016) | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | |
| PCB-1221 (AROCHLOR 1221) | 0.40 | | U | | 0.40 | | U | | 0.40 | | U | | 0.40 | | U | | 0.40 | | U | |
| PCB-1232 (AROCHLOR 1232) | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | |
| PCB-1242 (AROCHLOR 1242) | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | |
| PCB-1248 (AROCHLOR 1248) | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | |
| PCB-1254 (AROCHLOR 1254) | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | |
| PCB-1260 (AROCHLOR 1260) | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | | 0.20 | | U | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP J: Water Data for Methods 8151 and OL21P

| EPA NO | W11SSA | | | | W11SSD | | | | W12SSA | | | | W14SSA | | | | W27SSA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W11SSA | | | | W11SSD | | | | W12SSA | | | | W14SSA | | | | W27SSA | | | |
| Date Sampled | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | | 11/4/97 | | | | 11/21/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *8151 (UG/L)* | | | | | | | | | | | | | | | | | | | | |
| DALAPON | 2.30 | | U | | 2.30 | | U | | 2.40 | | U | | 2.40 | | U | | 2.40 | | U | |
| DICAMBA | 0.10 | | U | | 0.09 | | U | | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | |
| MCPP | 95.00 | | U | | 94.00 | | U | | 97.00 | | U | | 97.00 | | U | | 97.00 | | U | |
| MCPA | 94.00 | | U | | 93.00 | | U | | 96.00 | | U | | 96.00 | | U | | 96.00 | | U | |
| DICHLOROPROP | 0.95 | | U | | 0.94 | | U | | 0.97 | | U | | 0.97 | | U | | 0.97 | | U | |
| 2,4-D (DICHLOROPHENOXYAC | 0.95 | | U | | 0.94 | | U | | 0.97 | | U | | 0.97 | | UJ | C | 0.97 | | U | |
| SILVEX (2,4,5-TP) | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | |
| 2,4,5-T (TRICHLOROPHENOXYA | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | | 0.10 | | UJ | C | 0.10 | | U | |
| DINOSEB | 0.99 | | UJ | C | 0.98 | | UJ | C | 1.00 | | UJ | C | 1.00 | | U | | 1.00 | | U | |
| 2,4 DB | 0.96 | | U | | 0.95 | | U | | 0.98 | | U | | 0.98 | | UJ | C | 0.98 | | U | |
| PENTACHLOROPHENOL | 0.24 | | U | | 0.24 | | U | | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | |
| PICLORAM | 0.28 | | R | *4 | 0.28 | | R | *4 | 0.29 | | R | *4 | 0.29 | | UJ | C | 0.29 | | R | *4 |
| 3,5-DICHLOROBENZOIC ACID | 0.95 | | U | | 0.94 | | U | | 0.97 | | U | | 0.97 | | UJ | C | 0.97 | | U | |
| CHLORAMBEN | 0.76 | | UJ | *4 | 0.75 | | UJ | *4 | 0.77 | | UJ | *4 | 0.77 | | R | *4 | 0.77 | | R | *4 |
| BENTAZON | 2.00 | | U | | 2.00 | | U | | 2.10 | | U | | 2.10 | | U | | 2.10 | | R | *4 |
| ACIFLUORFEN | 0.76 | | U | | 0.75 | | U | | 0.77 | | U | | 0.77 | | U | | 0.77 | | U | |
| *OL21P (UG/L)* | | | | | | | | | | | | | | | | | | | | |
| ALPHA BHC (ALPHA HEXACHL | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |
| BETA BHC (BETA HEXACHLOR | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |
| DELTA BHC (DELTA HEXACHL | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |
| GAMMA BHC (LINDANE) | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |
| HEPTACHLOR | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |
| ALDRIN | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |
| HEPTACHLOR EPOXIDE | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |
| ALPHA ENDOSULFAN | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP J: Water Data for Methods 8151 and OL21P

| EPA NO | W11SSA | | | | W11SSD | | | | W12SSA | | | | W14SSA | | | | W27SSA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W11SSA | | | | W11SSD | | | | W12SSA | | | | W14SSA | | | | W27SSA | | | |
| Date Sampled | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | | 11/4/97 | | | | 11/21/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *OL21P (UG/L) Continued* | | | | | | | | | | | | | | | | | | | | |
| DIELDRIN | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | |
| DDE (1,1-BIS(CHLOROPHENYL) | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | |
| ENDRIN | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | |
| BETA ENDOSULFAN | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | |
| DDD (1,1-BIS(CHLOROPHENYL) | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | |
| ENDOSULFAN SULFATE | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | |
| DDT (1,1-BIS(CHLOROPHENYL) | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | |
| METHOXYCHLOR | 0.10 | | U | | 0.10 | | U | | 0.11 | | U | | 0.10 | | U | | 0.10 | | U | |
| ENDRIN KETONE | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | |
| ENDRIN ALDEHYDE | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | |
| ALPHA-CHLORDANE | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |
| GAMMA-CHLORDANE | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | |
| TOXAPHENE | 1.00 | | U | | 1.00 | | U | | 1.10 | | U | | 1.00 | | U | | 1.00 | | U | |
| PCB-1016 (AROCHLOR 1016) | 0.20 | | U | | 0.20 | | U | | 0.22 | | U | | 0.20 | | U | | 0.20 | | U | |
| PCB-1221 (AROCHLOR 1221) | 0.40 | | U | | 0.40 | | U | | 0.44 | | U | | 0.40 | | U | | 0.40 | | U | |
| PCB-1232 (AROCHLOR 1232) | 0.20 | | U | | 0.20 | | U | | 0.22 | | U | | 0.20 | | U | | 0.20 | | U | |
| PCB-1242 (AROCHLOR 1242) | 0.20 | | U | | 0.20 | | U | | 0.22 | | U | | 0.20 | | U | | 0.20 | | U | |
| PCB-1248 (AROCHLOR 1248) | 0.20 | | U | | 0.20 | | U | | 0.22 | | U | | 0.20 | | U | | 0.20 | | U | |
| PCB-1254 (AROCHLOR 1254) | 0.20 | | U | | 0.20 | | U | | 0.22 | | U | | 0.20 | | U | | 0.20 | | U | |
| PCB-1260 (AROCHLOR 1260) | 0.20 | | U | | 0.20 | | U | | 0.22 | | U | | 0.20 | | U | | 0.20 | | U | |

OEES Technical Information Systems ROEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP J: Water Data for Methods 8151 and OL21P

| :PA NO | W9703A | | | | WL23XA | | | | WL71XA | | | | ? | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| )GDEN ID | W9703A | | | | WL23XA | | | | WL71XA | | | | | | | | | | | |
| )ate Sampled | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | | | | | | | | | |
| )epth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *:151 (UG/L)* | | | | | | | | | | | | | | | | | | | | |
| DALAPON | 2.40 | | U | | 2.40 | | U | | 2.30 | | U | | | | | | | | | |
| DICAMBA | 0.10 | | U | | 0.10 | | U | | 0.09 | | U | | | | | | | | | |
| MCPP | 97.00 | | U | | 97.00 | | U | | 94.00 | | U | | | | | | | | | |
| MCPA | 96.00 | | U | | 96.00 | | U | | 93.00 | | U | | | | | | | | | |
| DICHLOROPROP | 0.97 | | U | | 0.97 | | U | | 0.94 | | U | | | | | | | | | |
| 2,4-D (DICHLOROPHENOXYAC | 0.97 | | U | | 0.97 | | U | | 0.94 | | U | | | | | | | | | |
| SILVEX (2,4,5-TP) | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | | | | | | | | | |
| 2,4,5-T (TRICHLOROPHENOXYA | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | | | | | | | | | |
| DINOSEB | 1.00 | | U | | 1.00 | | U | | 0.98 | | U | | | | | | | | | |
| 2,4 DB | 0.98 | | U | | 0.98 | | U | | 0.95 | | U | | | | | | | | | |
| PENTACHLOROPHENOL | 0.25 | | U | | 0.25 | | U | | 0.24 | | U | | | | | | | | | |
| PICLORAM | 0.29 | | R | *4 | 0.29 | | R | *4 | 0.28 | | R | *4 | | | | | | | | |
| 3,5-DICHLOROBENZOIC ACID | 0.97 | | U | | 0.97 | | U | | 0.94 | | U | | | | | | | | | |
| CHLORAMBEN | 0.77 | | R | *4 | 0.77 | | R | *4 | 0.75 | | R | *4 | | | | | | | | |
| BENTAZON | 2.10 | | R | *4 | 2.10 | | R | *4 | 2.00 | | R | *4 | | | | | | | | |
| ACIFLUORFEN | 0.77 | | U | | 0.77 | | U | | 0.75 | | U | | | | | | | | | |
| *)L21P (UG/L)* | | | | | | | | | | | | | | | | | | | | |
| ALPHA BHC (ALPHA HEXACHL | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | | | | | | | | |
| BETA BHC (BETA HEXACHLOR | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | | | | | | | | |
| DELTA BHC (DELTA HEXACHL | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | | | | | | | | |
| GAMMA BHC (LINDANE) | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | | | | | | | | |
| HEPTACHLOR | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | | | | | | | | |
| ALDRIN | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | | | | | | | | |
| HEPTACHLOR EPOXIDE | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | | | | | | | | |
| ALPHA ENDOSULFAN | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | | | | | | | | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP J: Water Data for Methods 8151 and OL21P

| EPA NO | W9703A | | | | WL23XA | | | | WL71XA | | | | ? | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W9703A | | | | WL23XA | | | | WL71XA | | | | | | | | | | | |
| Date Sampled | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | | | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***OL21P (UG/L) Continued*** | | | | | | | | | | | | | | | | | | | | |
| DIELDRIN | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | | | | | | | | |
| DDE (1,1-BIS(CHLOROPHENYL) | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | | | | | | | | |
| ENDRIN | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | | | | | | | | |
| BETA ENDOSULFAN | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | | | | | | | | |
| DDD (1,1-BIS(CHLOROPHENYL) | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | | | | | | | | |
| ENDOSULFAN SULFATE | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | | | | | | | | |
| DDT (1,1-BIS(CHLOROPHENYL) | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | | | | | | | | |
| METHOXYCHLOR | 0.10 | | U | | 0.10 | | U | | 0.10 | | U | | | | | | | | | |
| ENDRIN KETONE | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | | | | | | | | |
| ENDRIN ALDEHYDE | 0.02 | | U | | 0.02 | | U | | 0.02 | | U | | | | | | | | | |
| ALPHA-CHLORDANE | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | | | | | | | | |
| GAMMA-CHLORDANE | 0.01 | | U | | 0.01 | | U | | 0.01 | | U | | | | | | | | | |
| TOXAPHENE | 1.00 | | U | | 1.00 | | U | | 1.00 | | U | | | | | | | | | |
| PCB-1016 (AROCHLOR 1016) | 0.20 | | U | | 0.20 | | U | | 0.21 | | U | | | | | | | | | |
| PCB-1221 (AROCHLOR 1221) | 0.40 | | U | | 0.40 | | U | | 0.41 | | U | | | | | | | | | |
| PCB-1232 (AROCHLOR 1232) | 0.20 | | U | | 0.20 | | U | | 0.21 | | U | | | | | | | | | |
| PCB-1242 (AROCHLOR 1242) | 0.20 | | U | | 0.20 | | U | | 0.21 | | U | | | | | | | | | |
| PCB-1248 (AROCHLOR 1248) | 0.20 | | U | | 0.20 | | U | | 0.21 | | U | | | | | | | | | |
| PCB-1254 (AROCHLOR 1254) | 0.20 | | U | | 0.20 | | U | | 0.21 | | U | | | | | | | | | |
| PCB-1260 (AROCHLOR 1260) | 0.20 | | U | | 0.20 | | U | | 0.21 | | U | | | | | | | | | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP K: Water Data for Methods 8330 and 8330N

| EPA NO | W06SSA | | | | W06SSD | | | | W10DDA | | | | W10SSA | | | | W10SSD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W06SSA | | | | W06SSD | | | | W10DDA | | | | W10SSA | | | | W10SSD | | | |
| Date Sampled | 11/5/97 | | | | 11/5/97 | | | | 11/5/97 | | | | 11/6/97 | | | | 11/6/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| *Method* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *8330 (UG/L)* | | | | | | | | | | | | | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 1,3,5-TRINITROBENZENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 1,3-DINITROBENZENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| TETRYL | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| NITROBENZENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 2,4,6-TRINITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 4-AMINO-2,6-DINITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 2-AMINO-4,6-DINITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 2,6-DINITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 2,4-DINITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| PICRIC ACID | 0.25 | | UJ | Q,*4 | 0.25 | | UJ | *4 | 0.25 | | UJ | Q,*4 | | | | | | | | |
| 2-NITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 4-NITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 3-NITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 2,6-DIAMINO-4-NITROTOLUENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| 2,4-DIAMINO-6-NITORTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| PENTAERYTHRITOL TETRANIT | 10.00 | | U | | 10.00 | | U | | 10.00 | | U | | | | | | | | | |
| NITROGLYCERIN | 5.00 | | U | $ | 5.00 | | U | $ | 5.00 | | U | $ | | | | | | | | |
| *8330N (UG/L)* | | | | | | | | | | | | | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | | | | | | | | | | | | | 0.25 | | U | | 0.25 | | U | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | | | | | | | | | | | | | 0.25 | | U | | 0.25 | | U | |
| 1,3,5-TRINITROBENZENE | | | | | | | | | | | | | 0.25 | | U | | 0.25 | | U | |
| 1,3-DINITROBENZENE | | | | | | | | | | | | | 0.25 | | U | | 0.25 | | U | |
| TETRYL | | | | | | | | | | | | | 0.25 | | U | | 0.25 | | U | |

OEES Technical Information Systems RGEN Ver. 2q

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP K: Water Data for Methods 8330 and 8330N

| EPA NO | W06SSA | | | | W06SSD | | | | W10DDA | | | | W10SSA | | | | W10SSD | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | | | | | | | | | | | | | W10SSA | | | | W10SSD | | | |
| Date Sampled | | | | | | | | | | | | | 11/6/97 | | | | 11/6/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***8330N (UG/L) Continued*** | | | | | | | | | | | | | | | | | | | | |
| NITROBENZENE | | | | | | | | | | | | | 0.25 | | U | | 0.28 | | U | + |
| 2,4,6-TRINITROTOLUENE | | | | | | | | | | | | | 0.25 | | U | | 0.25 | | U | |
| 4-AMINO-2,6-DINITROTOLUENE | | | | | | | | | | | | | 0.25 | | U | | 0.25 | | U | |
| 2-AMINO-4,6-DINITROTOLUENE | | | | | | | | | | | | | 0.25 | | U | | 0.25 | | U | |
| 2,6-DINITROTOLUENE | | | | | | | | | | | | | 0.25 | | U | | 0.25 | | U | |
| 2,4-DINITROTOLUENE | | | | | | | | | | | | | 0.25 | | U | | 0.25 | | U | |
| PICRIC ACID | | | | | | | | | | | | | 0.25 | | UJ | *4 | 0.25 | | UJ | *4 |
| 2-NITROTOLUENE | | | | | | | | | | | | | 0.25 | | U | | 0.25 | | U | |
| 4-NITROTOLUENE | | | | | | | | | | | | | 0.25 | | U | | 0.25 | | U | |
| 3-NITROTOLUENE | | | | | | | | | | | | | 0.25 | | U | | 0.25 | | U | |
| 2,6-DIAMINO-4-NITROTOLUENE | | | | | | | | | | | | | 0.50 | | U | | 0.50 | | U | |
| 2,4-DIAMINO-6-NITORTOLUENE | | | | | | | | | | | | | 0.25 | | U | | 0.25 | | U | |
| PENTAERYTHRITOL TETRANIT | | | | | | | | | | | | | 10.00 | | UJ | C | 10.00 | | UJ | C |
| NITROGLYCERIN | | | | | | | | | | | | | 5.00 | | UJ | C | 5.00 | | UJ | C |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP K: Water Data for Methods 8330 and 8330N

| PA NO | W11SSA | | | | W11SSD | | | | W12SSA | | | | W14SSA | | | | W27SSA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W11SSA | | | | W11SSD | | | | W12SSA | | | | W14SSA | | | | W27SSA | | | |
| Date Sampled | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | | 11/4/97 | | | | 11/21/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| Method / Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *8330 (UG/L)* | | | | | | | | | | | | | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | | | | | | | | | | | | | 0.25 | | U | | | | | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | | | | | | | | | | | | | 0.25 | | U | | | | | |
| 1,3,5-TRINITROBENZENE | | | | | | | | | | | | | 0.25 | | U | | | | | |
| 1,3-DINITROBENZENE | | | | | | | | | | | | | 0.25 | | U | | | | | |
| TETRYL | | | | | | | | | | | | | 0.25 | | U | | | | | |
| NITROBENZENE | | | | | | | | | | | | | 0.25 | | U | | | | | |
| 2,4,6-TRINITROTOLUENE | | | | | | | | | | | | | 0.25 | | U | | | | | |
| 4-AMINO-2,6-DINITROTOLUENE | | | | | | | | | | | | | 0.25 | | U | | | | | |
| 2-AMINO-4,6-DINITROTOLUENE | | | | | | | | | | | | | 0.25 | | U | | | | | |
| 2,6-DINITROTOLUENE | | | | | | | | | | | | | 0.25 | | U | | | | | |
| 2,4-DINITROTOLUENE | | | | | | | | | | | | | 0.25 | | U | | | | | |
| PICRIC ACID | | | | | | | | | | | | | 0.25 | | UJ | *4 | | | | |
| 2-NITROTOLUENE | | | | | | | | | | | | | 0.25 | | U | | | | | |
| 4-NITROTOLUENE | | | | | | | | | | | | | 0.25 | | U | | | | | |
| 3-NITROTOLUENE | | | | | | | | | | | | | 0.25 | | U | | | | | |
| 2,6-DIAMINO-4-NITROTOLUENE | | | | | | | | | | | | | 0.50 | | U | | | | | |
| 2,4-DIAMINO-6-NITORTOLUENE | | | | | | | | | | | | | 0.25 | | U | | | | | |
| PENTAERYTHRITOL TETRANIT | | | | | | | | | | | | | 10.00 | | U | | | | | |
| NITROGLYCERIN | | | | | | | | | | | | | | | | | | | | |
| *8330N (UG/L)* | | | | | | | | | | | | | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | 0.25 | | U | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | 0.25 | | U | |
| 1,3,5-TRINITROBENZENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | 0.25 | | U | |
| 1,3-DINITROBENZENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | 0.25 | | U | |
| TETRYL | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | 0.25 | | U | |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP K: Water Data for Methods 8330 and 8330N

| EPA NO | W11SSA | | | | W11SSD | | | | W12SSA | | | | W14SSA | | | | W27SSA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W11SSA | | | | W11SSD | | | | W12SSA | | | | | | | | W27SSA | | | |
| Date Sampled | 11/6/97 | | | | 11/6/97 | | | | 11/6/97 | | | | | | | | 11/21/97 | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***8330N (UG/L) Continued*** | | | | | | | | | | | | | | | | | | | | |
| NITROBENZENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | 0.25 | | U | |
| 2,4,6-TRINITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | 0.25 | | U | |
| 4-AMINO-2,6-DINITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | 0.25 | | U | |
| 2-AMINO-4,6-DINITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | 0.25 | | U | |
| 2,6-DINITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | 0.25 | | U | |
| 2,4-DINITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | 0.25 | | U | |
| PICRIC ACID | 0.25 | | UJ | *4 | 0.25 | | UJ | *4 | 0.25 | | UJ | *4 | | | | | 0.25 | | UJ | *4 |
| 2-NITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | 0.25 | | U | |
| 4-NITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | 0.25 | | U | |
| 3-NITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | 0.25 | | U | |
| 2,6-DIAMINO-4-NITROTOLUENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | 0.50 | | U | |
| 2,4-DIAMINO-6-NITORTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | 0.25 | | UJ | *4 |
| PENTAERYTHRITOL TETRANIT | 10.00 | | UJ | C | 10.00 | | UJ | C | 10.00 | | UJ | C | | | | | 10.00 | | U | |
| NITROGLYCERIN | 5.00 | | UJ | C | 5.00 | | UJ | C | 5.00 | | UJ | C | | | | | 5.00 | | U | |

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# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP K: Water Data for Methods 8330 and 8330N

| PA NO | W9703A | | | | WL23XA | | | | WL71XA | | | | ? | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GDEN ID | W9703A | | | | WL23XA | | | | WL71XA | | | | | | | | | | | |
| ate Sampled | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | | | | | | | | | |
| epth | | | | | | | | | | | | | | | | | | | | |
| *ethod* Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| *330 (UG/L)* | | | | | | | | | | | | | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | | | | | | | | | | | | | | | | | | | | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | | | | | | | | | | | | | | | | | | | | |
| 1,3,5-TRINITROBENZENE | | | | | | | | | | | | | | | | | | | | |
| 1,3-DINITROBENZENE | | | | | | | | | | | | | | | | | | | | |
| TETRYL | | | | | | | | | | | | | | | | | | | | |
| NITROBENZENE | | | | | | | | | | | | | | | | | | | | |
| 2,4,6-TRINITROTOLUENE | | | | | | | | | | | | | | | | | | | | |
| 4-AMINO-2,6-DINITROTOLUENE | | | | | | | | | | | | | | | | | | | | |
| 2-AMINO-4,6-DINITROTOLUENE | | | | | | | | | | | | | | | | | | | | |
| 2,6-DINITROTOLUENE | | | | | | | | | | | | | | | | | | | | |
| 2,4-DINITROTOLUENE | | | | | | | | | | | | | | | | | | | | |
| PICRIC ACID | | | | | | | | | | | | | | | | | | | | |
| 2-NITROTOLUENE | | | | | | | | | | | | | | | | | | | | |
| 4-NITROTOLUENE | | | | | | | | | | | | | | | | | | | | |
| 3-NITROTOLUENE | | | | | | | | | | | | | | | | | | | | |
| 2,6-DIAMINO-4-NITROTOLUENE | | | | | | | | | | | | | | | | | | | | |
| 2,4-DIAMINO-6-NITORTOLUENE | | | | | | | | | | | | | | | | | | | | |
| PENTAERYTHRITOL TETRANIT | | | | | | | | | | | | | | | | | | | | |
| NITROGLYCERIN | | | | | | | | | | | | | | | | | | | | |
| *330N (UG/L)* | | | | | | | | | | | | | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 1,3,5-TRINITROBENZENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 1,3-DINITROBENZENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| TETRYL | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |

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Ogden Environmental and Energy Services

# Validated MMR Data, Period 1-Mar-98 to 31-Mar-98

## GROUP K: Water Data for Methods 8330 and 8330N

| EPA NO | W9703A | | | | WL23XA | | | | WL71XA | | | | ? | | | | ? | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OGDEN ID | W9703A | | | | WL23XA | | | | WL71XA | | | | | | | | | | | |
| Date Sampled | 11/21/97 | | | | 11/21/97 | | | | 11/21/97 | | | | | | | | | | | |
| Depth | | | | | | | | | | | | | | | | | | | | |
| ***Method*** Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| ***8330N (UG/L) Continued*** | | | | | | | | | | | | | | | | | | | | |
| NITROBENZENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 2,4,6-TRINITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 4-AMINO-2,6-DINITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 2-AMINO-4,6-DINITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 2,6-DINITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 2,4-DINITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| PICRIC ACID | 0.25 | | UJ | *4 | 0.25 | | UJ | *4 | 0.25 | | UJ | *4 | | | | | | | | |
| 2-NITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 4-NITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 3-NITROTOLUENE | 0.25 | | U | | 0.25 | | U | | 0.25 | | U | | | | | | | | | |
| 2,6-DIAMINO-4-NITROTOLUENE | 0.50 | | U | | 0.50 | | U | | 0.50 | | U | | | | | | | | | |
| 2,4-DIAMINO-6-NITORTOLUENE | 0.25 | | UJ | *4 | 0.25 | | UJ | *4 | 0.25 | | UJ | *4 | | | | | | | | |
| PENTAERYTHRITOL TETRANIT | 10.00 | | U | | 10.00 | | U | | 10.00 | | U | | | | | | | | | |
| NITROGLYCERIN | 5.00 | | U | | 5.00 | | U | | 5.00 | | U | | | | | | | | | |

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